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Pennsylvania
Agricultural
Statistics
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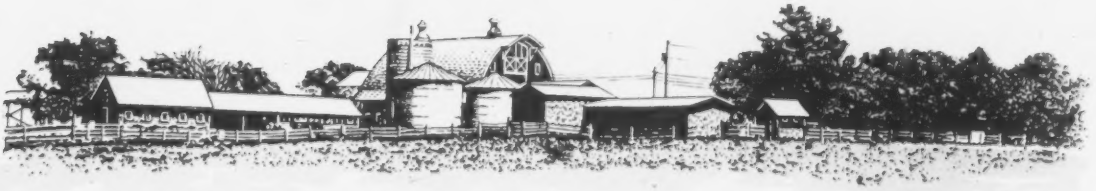
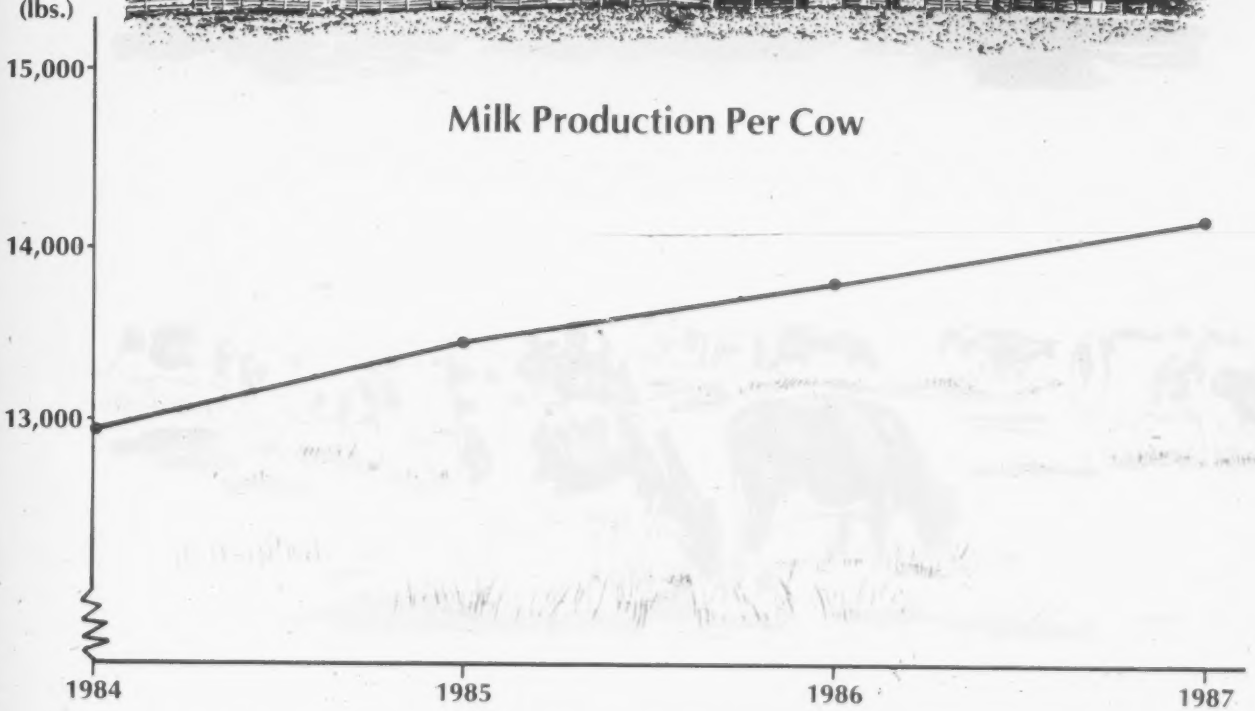
STATISTICAL SUMMARY 1987-88

and

Pennsylvania Department of Agriculture Annual Report





NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. DEPARTMENT OF AGRICULTURE/PENNSYLVANIA DEPARTMENT OF AGRICULTURE

COMMONWEALTH OF PENNSYLVANIA

Robert P. Casey, Governor

DEPARTMENT OF AGRICULTURE

Boyd E. Wolff, Secretary

cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

Richard Lyng, Secretary

NATIONAL AGRICULTURAL STATISTICS SERVICE

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in compilation of agricultural statistics by

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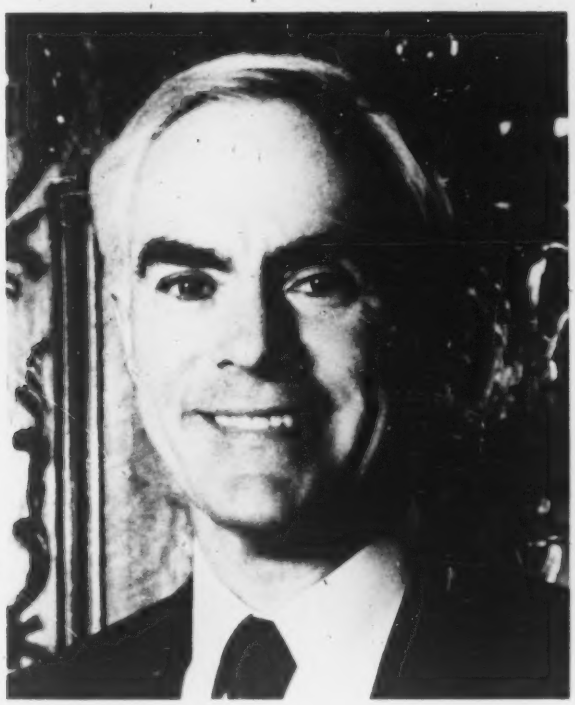

To: Pennsylvania's Agricultural Family

Agriculture and food-related businesses are the backbone of the state's economy.

Our 56,500 farms produce over $3 billion in crop and livestock products each year. Food processors and manufacturers, distributors, grocers and restauranteurs are all involved in moving farm products to consumers, generating some $35 billion in annual sales. All told, some 20 percent of the state's workforce is employed in farm-related activity.

Pennsylvania food products supply domestic markets around the nation and a growing number of foreign markets in Europe, Asia, the Middle East and Africa. We rank among the top ten national producers of dairy products, peaches, pears, apples, grapes, strawberries, cherries, tomatoes, mushrooms, potato chips, pretzels, veal, pork, poultry and eggs.

I salute the members of Pennsylvania's agricultural family, and I am pleased to present the 1987 Crop and Livestock Annual Summary. In this year's report, we have included a brief summary of the Department of Agriculture's activities.

I hope this report will be useful to you as a handy reference to the Commonwealth's largest industry.

Sincerely,

Robert Casey

Robert P. Casey
Governor

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Established 1895

Commonwealth of Pennsylvania

DEPARTMENT OF AGRICULTURE ANNUAL REPORT 1987

ROBERT P. CASEY
Governor

BOYD E. WOLFF
Secretary of Agriculture

To the producers and consumers of food and fiber:

Soil, climate, strategic location and a 200-year-old family farm system have made Pennsylvania a giant in American agriculture and the leading agricultural state in the North East. Agriculture is Pennsylvania's number one industry.

In recent years, farmers have been confronted by drought, flooding, livestock diseases, higher production costs and declining profits. Despite such adversities, Pennsylvania's agricultural industry is relatively stable compared with many other states, due in part to the highly diversified nature of our agricultural production. Agriculture has also fared better in Pennsylvania because of the large number of durable family farms and their access to some of the most populated markets in the nation.

Pennsylvania's farms create employment for 20 percent of the state's workforce. It's estimated that behind each farmer are ten people who grade, process, package and move farm products to consumers. Pennsylvania farms produce income and jobs for people who supply agriculture with equipment, tools, machinery, chemicals, fertilizers and seeds.

Farmland in Pennsylvania totaled 8.7 million acres last year, with an average farm size of 150 acres. Action to preserve family farms and farmland was taken by voters, with approval last year of a $100 million bond issue to support purchase of conservation easements. We pledge to save farmland to protect farm families, but also to protect consumers, who are the ultimate beneficiaries of a system that serves up fresh, nutritious food at bargain prices.

We have reorganized the Department of Agriculture to be more responsive to the needs of the people we serve. We will continue to do what we can to improve the economic climate for our farmers, while protecting the interests of all our citizens through enforcement of our state-mandated regulations.

My thanks to the thousands of people who voluntarily cooperated in the collection of the necessary data for this publication. It is an important foundation for efforts to keep our agricultural industry strong in Pennsylvania.

Sincerely,

Boyd E. Wolff
Secretary of Agriculture

FOR FARMLAND

Farmland Preservation

The November election proved that Pennsylvania voters strongly support the protection of prime farmland. By a vote of nearly 2-1, a referendum was approved that will commit $100 million to the creation of a farmland preservation program.

Every nine months, Pennsylvania loses an area of farmland the size of Pittsburgh. The new farmland preservation program will help reduce that loss once and for all.

During the fall campaign, Secretary Wolff, former Department of Environmental Resources Secretary Maurice Goddard, and farm leaders toured the state explaining the benefits of farmland preservation to consumers and the media. In the end, some of the strongest support for the effort came from our friends in Pennsylvania cities.

Market Development

"New and improved" might be the theme for Market Development in 1989. Governor Casey signed into law Act 1, the amendments to the Pennsylvania Commodities Marketing Act. These amendments give producers maximum control over their marketing dollars while allowing the Bureau of Market Development to assist in the promotion efforts.

Apple growers established a new program shortly after Governor Casey signed the changes into law. The dairy farmers followed and now over $2.5 million is committed to product promotion under this program.

Research is also an important part of product development. In addition to the $1 million spent annually on research by the Department, nine other research projects were funded by producers.

The Pennsylvania Department of Agriculture is dedicated to promoting the sale of food and other agricultural products to buyers in countries around the world under a program administered by the Department's International Trade Division.

Food and agricultural exports reached a record $203.2 million in the federal fiscal year that ended September 30, 1987. Figures from the United States Department of Agriculture show the state's international exports of food and agricultural products were up more than $34 million over the same period a year earlier.

The USDA report indicates the largest growth for Pennsylvania was in the export of animal and poultry products. Export shipments of dairy products rose more than $17 million during the period, while shipments of live animals and meats increased nearly $12 million.

During 1987, the Department exhibited Pennsylvania products at 14 international trade shows. Export expansion efforts succeeded in the Far East, Near East, Europe and the Caribbean.

Plant Industry

Pesticides are a safe and useful tool when used properly. The Bureau of Plant Industry is responsible for making sure that pesticides are applied in an appropriate manner by qualified individuals.

Major amendments to the Pennsylvania Pesticide Control Act took effect during 1987. These changes required more education and closer supervision of all applicators. The Bureau trained and examined 9,500 potential applicators in February and March of 1987. A recertification program provides continuing education programs that will ensure continued emphasis on the responsible use of pesticides.

The U. S. Environmental Protection Agency, through its regional office in Philadelphia, commended the Pennsylvania Department of Agriculture for increasing enforcement actions in 1987 by giving it a rating of excellent.

During 1987, the Bureau's Seed Division checked 2,844 seed samples for germination and proper labeling. It also served farmers and seedsmen with 3,165 sample tests. The Seed Division inspected certified seed for 8,760 acres.

During this year many squash and pumpkin growers suffered losses due to fruit rot. Bureau investigations determined the rot was caused by the fungus, phytopthora species.

Assisting the Christmas tree industry, the Bureau completed a survey on the distribution patterns of the pine root collar weevil.

To improve efficiency, a new job category called Agronomics Product Inspector has been created. This new category combines Feed, Fertilizer, Lime and Pesticide Inspectors.

The Bureau also computerized pesticide records and linked all of the seven Regional Offices to a mainframe computer in Harrisburg.

In 1987, Pennsylvania's bee industry was threatened by the Varroa mite. A quarantine was instituted to restrict the movement of honeybees and the disease. By 1988, Pennsylvania was considered free of the mite: good news for our beekeepers and farmers.

Rabies Prevention

The Department of Agriculture enforces the Rabies Prevention and Control Act. This law, passed in 1986, requires rabies vaccinations of all dogs and household cats three months of age or older. During 1987, the Department's Rabies Hotline advised pet owners on the availability of low-cost rabies vaccination clinics. The clinics were staffed by veterinarians and others who volunteered their time to help protect Pennsylvania's citizens and pets from this dreaded disease.

Regulations adopted in 1987 permit kennel owners who have been certified to inoculate their own animals.

Over 276 cases of rabies were discovered in animals submitted to the Department during 1987.

Dog Law

The Bureau of Dog Law distributed nearly $700,000 to counties and humane societies to establish and maintain dog control facilities or other local programs to complement Pennsylvania's Dog Law Enforcement Programs. These grants were funded through the sale of 951,148 individual dog licenses and 2,521 kennel licenses sold throughout the year.

There were also two firsts in the Bureau. A grant was awarded for a dog-bite prevention program at Bloomsburg University and, most importantly, dog law officers were placed in every county of the Commonwealth.

Government Donated Food

The Bureau of Government Donated Food offers three important programs to help needy Pennsylvanians and school district lunch programs.

The *Traditional Program* offers government surplus commodities that are used to make a wide variety of products from pizza to tacos to popsicles. Ultimately, they end up on school lunch trays.

The *State Food Purchase Program* provides grants to food banks throughout the Commonwealth. The funds are used to help provide food for the less fortunate members of our state. Last year, $8 million was committed to this Program—up $1 million from 1986.

The *Temporary Emergency Food Assistance Program (TEFAP)* is the most widely known of the three. This Program provides government surpluses of cheese, honey, flour, rice, butter, cornmeal and nonfat dry milk for distribution to needy citizens.

In a unique effort to help distribute food through TEFAP, Governor Casey's Office, Department of Agriculture, and Department of Public Welfare volunteers helped distribute commodities the Saturday before Christmas. They worked with local volunteers at 31 sites in Philadelphia during a special pre-holiday food distribution. Feedback from the volunteers gave the Bureau new insights into program efficiency, accountability, and its dependence on volunteers. It also gave the volunteers a true Christmas spirit.

Secretary Wolff also volunteered his Saturday before Christmas to lend a hand. Local volunteers had no idea the tall stranger in jeans and a flannel shirt was Pennsylvania's Secretary of Agriculture.

Agricultural Economic Development

To help agriculture grow and remain strong, it must be brought into the mainstream of economic development activities. That's why Governor Casey saved two seats on his Economic Development Partnership Board for agricultural representatives and also why Secretary Wolff created a special economic development team within the Department of Agriculture.

The Bureau of Agricultural Development is composed of three divisions: Economic Development, Finance, and Resource Management. Together they comprise a "one-stop shop" for agribusinesses who need economic development assistance.

In addition to traditional funding programs such as the Capital Loan Fund and Pennsylvania Economic Development Authority loans, the Bureau used two specific financing programs for agriculture in 1987.

First, over $1,067,000 in loan guarantee funds and interest deferrals were used to help family farmers expand and diversify their operations. The Family Farm Development Loan Program ended on June 30, 1987, but over 57 percent of the total funds spent were released between February and July, ensuring that the funds went where they could do the most good—our ag economy.

The second special agricultural initiative was the Ag Entrepreneur Development Grant Program. This program was designed to provide grants to agribusinesses that utilized the "value-added" potential of ag production. Ventures dealing with horticulture, dairy, hardwoods, meat, aquaculture, and even tissue culture received a boost from grants ranging in size from $10,000 to $100,000.

Red tape is public enemy #1 for most businesses. The Bureau developed the Commonwealth's first inventory of permits and licenses. This will allow one-stop shopping for new and existing agribusinesses that need information on regulatory requirements for operation.

The demand for Agricultural Entrepreneur Development Grants demonstrated a real need for agricultural development initiatives. As a result, a new revolving loan fund has been developed in cooperation with the Department of Commerce/Economic Development Partnership. Called the Penn Ag Fund, it will offer low-interest loans for physical plant and equipment improvements to keep our food processors competitive. Worldwide competition has resulted in intense financial pressure on food processors, and the Penn Ag Fund can help sharpen this important industry's competitive advantage.

1987 Drought

In a preview of worse things to come, Southcentral Pennsylvania farmers experienced the drought of 1987. Governor Casey and Secretary Wolff got a personal view of the damage at Clyde Strock's farm in Cumberland County. Shortly after this visit, Governor Casey asked U. S. Agriculture Secretary Richard Lyng to declare the stricken region a disaster area. Ultimately, 27 central and eastern counties experienced crop damage in excess of $75,000,000. The drought of 1988 is predicted to be **ten** times worse.

Cumberland County farmer Clyde Strock shows Governor Casey and Secretary Wolff field corn damaged by 1987 drought.

Animal Health

Pennsylvania agriculture means animal agriculture, and the Bureau of Animal Industry confirmed the Department's commitment to animal health in 1987.

A Mid-Atlantic Poultry Health Treaty was signed by Governor Robert P. Casey in August of 1987. This treaty between Pennsylvania, Virginia, Delaware, and Maryland seeks to control avian diseases through a unified regulatory effort. Blind to state lines, the treaty will ensure swift, decisive and uniform action in response to poultry disease outbreaks.

Governor Casey also announced the appointment of Dr. Charles Clark as chief of the Avian Health Division in the Department of Agriculture. That post had been vacant since 1985 (through two Avian Influenza outbreaks), and the appointment fulfilled a pledge by the Governor to fill the key post in the Department's animal health unit. Surveillance programs continue to help prevent outbreaks of H_5N_2 avian influenza in poultry flocks.

In 1987, Secretary Wolff established an important dialogue with swine producers hit by pseudorabies. A Swine Health Advisory Committee was established to advise the Department on efforts to control the disease. As a result, producers and the Department are now cooperating on measures to eradicate this disease.

The Department of Agriculture also established a veterinary intern program with the University of Pennsylvania. This cooperative venture is designed to expose future animal health practitioners to regulatory medicine and encourage them to consider the field as a career alternative.

Food Inspections

There are an estimated 33,000 food establishments that come under the regulatory authority of the Department's Bureau of Foods and Chemistry. Its mission is to protect the public health by preventing fraud, deception, or adulteration of food during processing and sale.

In 1987, the Bureau:

- Began environmental sampling in and around dairy plants to help reduce the risk of product contamination by disease producing organisms.
- Initiated a split-sample program to check independent laboratories that test fortified milk for vitamin potency. Pennsylvania is one of only two states (Wisconsin is the other) protecting consumers with this type of program.
- Conducted interlaboratory studies relating to cholesterol in table eggs.

When alcohol-filled candy was distributed illegally in Pennsylvania, the Bureau helped remove the product from sale and the New Jersey manufacturer developed a non-alcoholic product for sale in the Keystone State.

In an economic development effort to permit innovation and encourage new product development, the Bureau proposed changes to the Frozen Dessert Standards to permit the manufacture and sale of generic frozen desserts.

Agricultural Statistics

The Pennsylvania Agricultural Statistics Service works to collect and publish statistical data about agriculture in our state. Agricultural planners and policy makers need accurate data for decision making. That makes this book an important reference tool. Readers should think of it as a portrait of Pennsylvania's agricultural family in 1987.

In a new effort, the Agricultural Statistics Service supported a study of farm-related injuries. Through a cooperative venture with Penn State University's Department of Agricultural Engineering, we know more about how, when and why accidents occur on the farm. Agriculture is our nation's most hazardous occupation according to the National Safety Council. This study can move us toward programs that will help meet an important goal—accident prevention.

The Agricultural Statistics Service was also instrumental in conducting an evaluation of the Farm Show. Through the responses of exhibitors and show patrons, we learned what people like about the show and what they would like to change. As the Farm Show heads toward its 75th year, such information will ensure it's constant improvement.

Weights and Measures

The Bureau of Standard Weights and Measures is mandated to ensure equity in the marketplace. In 1987 it put increased emphasis on areas of enforcement critical to Pennsylvania agriculture. For instance, extensive testing was conducted on baler twine as the Bureau worked with retailers, distributors, importers, and ultimately foreign manufacturers in an effort to help farmers get the quality and amount of twine they pay for. The bureau is also cooperating with the USDA Packers and Stockyards Administration to maintain current testing on all livestock scales.

In efforts to avoid duplication of testing and define areas of responsibility, the Bureau utilized Memoranda of Understanding with 68 local weights and measures jurisdictions. This is designed to reduce overlaps in inspections by state and local inspectors. Counties and cities which have not been involved in weights and measures testing have been encouraged to initiate programs to protect buyers and sellers in all parts of the Commonwealth.

Harness and Horse Racing

Ensuring the integrity of racing is the first charge of the racing commissions. In a move to support that effort, the Pennsylvania Harness Racing Commission implemented human drug testing for drivers in races. This testing was prompted by concerns for the safety of race participants. 532 tests were conducted on 217 individuals during the first year of the program.

Simulcasting, the telecast of races between tracks, continued to pump new vitality into both harness and horse racing in Pennsylvania. Harness races were simulcast to thoroughbred tracks and thoroughbred races were simulcast to harness tracks. Delighted race fans wagered a total of $28 million in 1987.

In December of 1987, the Harness Racing Commission authorized the use of furosemide in standardbred horses. Furosemide, also known as Lasix, is a medication to aid horses that bleed under racing stress. Stringent controls of the program were adopted by the Commission.

Fairs

Pennsylvania's agricultural fairs are like huge family picnics. In 1987, 6,390,181 people attended our 112 fairs. That represents an increase of 156,254 over 1986. Imagine all the dieting after that great Pennsylvania Dutch food!

The Agricultural Fair Program helps showcase our agricultural heritage through $3 million worth of annual support. The funds were disbursed in 1987 as follows:

106 agricultural fairs received	$2,403,077.50
49 FFA organizations received	84,885.92
67 4-H organizations received	224,646.69
11 statewide ag organizations received	67,834.53

The balance of the appropriation ($219,555.36) was divided equally among 64 fairs for capital improvements through matching fund grants.

Look for your Pennsylvania Department of Agriculture display at the fair!

Amusement Ride Inspections

The Bureau of Amusement Rides and Attractions is responsible for ensuring that a fun experience is a safe experience.

The Bureau regulated 187 amusement operations in 1987 through the development of a quality assurance program. This program allowed the Department to become actively involved in ride inspections, improving on a previous policy of self-inspection by ride operators.

Quality Assurance Inspectors required scores of safety improvements to machinery before rides opened for business, and closed thirteen rides that were found to be of potential danger to the public.

In 1988, the Bureau is tripling its quality assurance effort.

Farm Show

Use of the Farm Show Complex continues to grow along with the complex itself. During 1987, two new events, the Capitol Area Business Fair and the National BMX (bicycle) Races were added to the show schedule so that 148 events utilized this important year-round facility.

During the year the Keystone International Livestock Exposition hosted an American Polled Hereford Association Standard of Perfection Show. This was only the third such show in the 31-year history of KILE. A Paso Fino Horse Show was held for the first time during the Exposition.

A new youth activity, the Junior Dairyman Contest, was held for the first time during the Pennsylvania All-American Dairy Show. This new contest combined judging skills, dairy industry knowledge, and management ability. Competition is open to entrants from all states.

Governor and Mrs. Casey accompanied by Secretary and Mrs. Wolff in carriage enroute to Large Arena for ceremony opening Farm Show.

LEGISLATIVE ACCOMPLISHMENTS FOR AGRICULTURE

Many of the programs and activities of the Pennsylvania Department of Agriculture are mandated by law. What follows is a list of significant measures signed into law during 1987.

ACT 1 — Act 1 of 1987 placed control of marketing programs in the hands of producers. This legislation amended the Pennsylvania Agricultural Commodities Act. The amendments recognized the desires of producers who have reasoned farmers know what's best for farmers. When the changes were signed into law on May 6, 1987, they fulfilled a campaign commitment by Governor Robert P. Casey.

ACT 15 — Establishing the Rural Economic Development Program for rural Pennsylvania, including Rural Research and Development for hardwood industry initiatives, brine research and development, rural marketing and educational programs, and making an appropriation to the Department of Commerce.

ACT 16 — Providing for the revitalization of rural Pennsylvania by establishing the Center for Rural Pennsylvania; providing for rural education partnerships and adult literacy programs; and allocating funds to the Department of Commerce.

ACT 23 — Amends the Rabies Prevention and Control Act of 1986, to allow all kennel owners certified by the Department of Agriculture to administer rabies vaccine to animals they own; allows the purchase of vaccine from a source approved by the Department; allows SPCA's to delay vaccinating animals at shelters until they are adopted as pets; provides civil liability immunity to veterinarians and their assistants who participate in antirabies clinics; and delays the penalty provisions of Act 181 of 1986 until September 1, 1987.

ACT 24 — Requiring retail gasoline dealers to post gasoline additive information and to keep consumers better informed when buying gasoline/alcohol blends; particularly important to boat owners and owners of cars with limited warranties.

ACT 27 — Providing for the State Board of Vehicle Manufacturers, Dealers and Salespersons, amending Act 306-84 so that any vehicle show or exhibition held as a part of, and in conjunction with, a community or agricultural fair which receives PA Agricultural Fair Act Program monies shall be exempt from penalties. This section penalized a dealer who exhibited his vehicles in another dealer's area for sale.

ACT 29 — Amends the act relating to nonprofit cooperative corporations engaging in rural electrification; provides for directors' liability and indemnification in performance of their duties.

ACT 37 — Provides penalties for possession of shopping carts, dairy cases, egg baskets, poultry boxes, bakery trays and baskets and provides a penalty for possession of those items.

ACT 48 — Creating the PA Economic Development Financing Authority as a body corporate and politic with power to borrow money and issue bonds and other evidences of indebtedness, and providing powers and duties of the PEDFA.

ACT 54 — First law passed, authorizing the ballot question for the incurring of indebtedness of $100 million for loans for the purchase of agricultural conservation easements.

ACT 61 — Amending Act 21-1951, relating to alcoholic liquors, alcohol and malt brewed beverages, providing for confectionery containing alcohol or liquor to be manufactured, but not sold, in the Commonwealth.

ACT 70 — Second law passed, authorizing the Secretary of the Commonwealth to certify the ***form of the*** question entitled "An act authorizing the incurring of indebtedness, with approval of the electors, of $100 million for the purchase of agricultural conservation easements for the preservation of agricultural land."

ACT 82 — Allows trucks bearing farm plates to be driven to testing sites for the examination of an applicant for a driver's license, or for the inspection, repair or servicing of the vehicle. This bill also requires the driver and front seat occupant of any vehicle to wear a seat belt.

ACT 86 — Provides for the repurchase by the wholesaler, manufacturer, or distributor from dealers certain equipment, attachments or parts held for sale upon termination of an agreement; whereby the dealer agrees to maintain a stock of such implements, attachments and parts and provides for the repurchase of such tools.
This act will protect farm implement dealers from being left with unusable inventories.

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STATISTICAL SUMMARY 1987-88

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. DEPARTMENT OF AGRICULTURE/PENNSYLVANIA DEPARTMENT OF AGRICULTURE

125 YEARS — THE SPIRIT OF COOPERATION

This year, 1988, marks the 125th anniversary of collecting and furnishing agricultural statistics. Isaac Newton, Commissioner of the U.S. Department of Agriculture, penned the following comments in the first ever Monthly Report of the Condition of the Crops, dated July 10, 1863:

"The Commissioner of Agriculture submits to the consideration of the farming community the following monthly reports of the condition of the crops for the months of May and June, together with such matters of the weather as connect themselves with these crops. Hereafter, a similar report will be issued on the tenth day of every month; and that this may be done with promptness, the Commissioner requests all correspondents and observers to transmit their answers and reports to him on the first day of every month, as more fully stated in the following report."

To quote further from the original Crop Report of July 10, 1863: "Ignorance of the state of our crops invariably leads to speculation, in which oftentimes, the farmer does not obtain just prices, and by which the consumer is not benefited. The interests of labor, therefore, demand that the true condition of these crops should be made known. Such knowledge, whilst it tends to discourage speculation, gives to commerce a more uniform, and, consequently, a more healthy action. Its influence on manufacturers is not less beneficial. The probable supply of textile material directs the extent of manufacturing industry, and the prices and consumption of its products."

Information for 22 States, including Pennsylvania, was contained in the historic, first report of 1863. This report referenced Pennsylvania as being a great wheat and oats producing State, and a large wool producing State. "Plenty of rain fell during June, but during the last half only of the month." (What a contrast this was with June of 1988). With the number 10 used to represent an average appearance the major crops of Pennsylvania were evaluated by voluntary reporters as follows on June 1, 1863:

Crop	Appearance
Winter Wheat	10
Spring Wheat	9
Barley	9
Corn	8
Oats	7
Tobacco	9
Grass	8
Flax	8
Sorghum	8

Although the magnitude and composition of both crop and animal production has changed drastically since 1863 the need for a statistical measurement of this production has remained unaltered. Every party in the food production and distribution process can best be served by the availability of impartial and timely statistical information for decision making.

In Pennsylvania a cooperative agreement to mutually support the collection and distribution of agricultural statistics was first negotiated in March 1924. Modifications designed to improve service to Pennsylvania's farmers have been made to this cooperative arrangement. Requests for additional detailed statistics and statistics for items not covered nationally are accumulating as goals for the future, pending the availability of resources.

Also continuing unchanged since 1863 is the basic mode of gathering agricultural statistics. Then, as now, the heart of the effort depends upon the voluntary cooperation of farmers and farm businesses in supplying the information needed to support the statistical program. Similar to many other unique attributes of this country, the current system has served us well, and hopefully will continue to do so indefinitely.

Wally Evans
State Statistician

DAIRY SUMMARY - 1987

BY GLENN A. STRASBURG

MILK PRODUCTION REACHES A NEW RECORD HIGH: Pennsylvania's milk production for 1987 was 10.18 billion pounds, less than 1 percent above the previous record high of 1986. Monthly record highs were produced during the months of February, March, and April. Milk production per cow continues to set new record highs. The 1987 average was 14,123 pounds for the year, 292 pounds more than 1986's record of 13,831 pounds per cow.

The number of milk cows in the Commonwealth averaged 721,000 head in 1987, 13,000 less than in 1986. Cow numbers dropped 6,000 from February to March but then leveled off the rest of the year.

Pennsylvania still ranks fifth in the nation in milk production, producing 7.1 percent of the nation's milk. Wisconsin is first, with 17.4 percent of the U.S. production, followed by California, New York, and Minnesota, respectively. During 1986, Pennsylvania out-produced Minnesota (which ranks fourth in milk production) during the months of August through December. During 1987, dairy farmers in Pennsylvania produced more milk than Minnesota dairy farmers during the months of August through November.

The number of commercial dairy farms (10 or more milk cows) is estimated at 13,700—300 less than during 1986. Commercial dairy farms are estimated on the basis of having been in operation during the year.

MILK DISPOSITION AND INCOME: Cash receipts from marketings of Pennsylvania milk during 1987 totaled 1.34 billion dollars, up 2 percent from 1986. Marketings totaled 10.1 billion pounds in 1987, slightly above marketings in 1986. Returns from both wholesale and retail sales in 1987 averaged $13.32 per hundred pounds of milk as compared with $13.13 per hundred pounds in 1986.

An estimated 117 million pounds of milk were used on farms where produced, 4 percent less than a year earlier. Calves in the Commonwealth were fed 76 millions pounds of milk while 41 million pounds were used by producer's households as fluid milk, cream and butter.

PRODUCTION COSTS: Costs of producing milk in Pennsylvania averaged $12.00 per hundred pounds of milk during 1987 compared with $12.08 during 1986. The estimated cost of producing milk does not include any returns (costs) for management or equity capital or changes in inventory values of capital items but does include a return to operator and family labor.

PENNSYLVANIA: COST OF PRODUCING MILK ONE YEAR AVG. ENDING DEC. 31

PENNSYLVANIA: COST OF PRODUCING MILK, SELECTED ITEMS AND TOTAL, BY MONTHS, 1987

Month	Purchased Feed	Fertilizer & Lime	Fuels & Lubricants	Dairy Animals Purchased	Hauling	Interest	Depreciation	Value Family Labor	Hired Labor	Other	Total
				Dollars Per Cwt. Of Milk Shipped							
January	2.011	.236	.256	.139	.433	1.009	1.728	1.703	.640	3.290	11.44
February	2.077	.269	.265	.177	.439	1.001	1.713	1.830	.651	3.280	11.70
March	1.954	.640	.296	.177	.418	1.001	1.713	1.846	.721	3.313	12.08
April	2.037	.949	.319	.230	.426	.707	1.686	1.702	.682	3.268	12.01
May	1.870	2.195	.414	.173	.434	.704	1.678	1.766	.714	3.228	13.18
June	1.999	1.164	.415	.173	.430	.705	1.680	1.565	.752	3.232	12.11
July	1.985	.375	.423	.374	.409	.691	1.648	1.725	.838	3.129	11.60
August	2.053	.269	.399	.299	.413	.699	1.667	1.729	.748	3.211	11.49
September	2.169	.307	.385	.299	.428	.700	1.669	1.947	.761	3.215	11.88
October	2.321	.372	.404	.476	.416	.716	1.707	1.716	.669	3.364	12.16
November	2.412	.353	.354	.185	.425	.716	1.707	1.550	.703	3.241	11.65
December	2.572	.766	.350	.185	.425	.716	1.707	1.960	.771	3.241	12.69
Average	2.122	.658	.357	.241	.425	.780	1.692	1.753	.721	3.251	12.00
% of Total	17.7	5.5	3.0	2.0	3.5	6.5	14.1	14.6	6.0	27.1	100.0

PENNSYLVANIA: MILK COWS, MILK PRODUCTION AND MILK PRICE, BY MONTHS, 1960-1987

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Milk Cows on Farm 1/ (Thous. Head)													
1960.....	880	880	881	882	884	884	885	885	886	887	888	888	884
1965.....	823	820	817	814	811	808	805	802	799	796	793	790	806
1970.....	712	710	708	707	706	705	704	703	702	701	700	698	705
1975.....	688	695	700	705	703	700	697	703	701	699	698	704	699
1980.....	712	713	710	705	705	705	707	712	714	718	718	718	711
1982.....	734	730	729	727	722	721	725	730	733	736	735	737	730
1983.....	738	737	737	734	733	731	727	731	735	737	744	740	735
1984.....	737	729	720	718	718	720	727	731	737	738	735	735	729
1985.....	735	735	735	738	738	736	740	743	745	746	745	747	740
1986.....	741	739	738	730	730	732	732	734	734	735	735	730	734
1987.....	729	725	719	718	718	716	720	720	718	718	721	724	721
Milk Production Per Cow (Lbs.)													
1960.....	630	595	695	695	785	705	630	630	610	614	590	600	7,760
1965.....	730	675	795	795	870	795	725	715	700	715	690	726	8,940
1970.....	825	765	875	880	940	885	850	830	825	840	775	820	10,105
1975.....	825	775	875	885	955	910	855	845	825	825	795	835	10,215
1980.....	965	960	995	985	1,065	1,030	1,000	985	980	990	990	1,000	11,949
1982.....	1,030	995	1,075	1,060	1,155	1,100	1,070	1,055	1,040	1,050	1,025	1,040	12,690
1983.....	1,060	1,020	1,075	1,055	1,155	1,125	1,105	1,090	1,070	1,070	1,055	1,055	12,939
1984.....	1,075	1,085	1,085	1,070	1,170	1,130	1,100	1,070	1,045	1,050	1,025	1,030	12,926
1985.....	1,060	1,030	1,090	1,075	1,210	1,175	1,160	1,140	1,110	1,150	1,130	1,155	13,491
1986.....	1,155	1,070	1,140	1,140	1,250	1,200	1,185	1,160	1,120	1,140	1,120	1,150	13,831
1987.....	1,170	1,115	1,205	1,180	1,270	1,210	1,190	1,175	1,135	1,170	1,145	1,170	14,123
Total Milk Production (Mil. Lbs.)													
1960.....	554	524	612	613	694	623	558	558	540	545	524	533	6,878
1965.....	601	554	650	647	706	642	584	573	559	569	547	574	7,206
1970.....	587	543	620	622	664	624	598	583	579	589	543	572	7,124
1975.....	568	539	613	624	671	637	596	594	578	577	555	588	7,140
1980.....	687	684	706	694	751	726	707	701	700	711	711	718	8,496
1982.....	756	726	784	771	834	793	776	770	762	773	753	766	9,264
1983.....	782	752	792	774	847	822	803	797	786	789	785	781	9,510
1984.....	792	791	781	768	840	814	800	782	770	775	753	757	9,423
1985.....	779	757	801	793	893	865	858	847	827	858	842	863	9,983
1986.....	856	791	841	832	913	878	867	851	822	838	823	840	10,152
1987.....	853	808	866	847	912	866	857	846	815	840	826	847	10,183
Wholesale Milk Price (Dollars Per Cwt.)													
1960.....	5.00	4.90	4.75	4.45	4.20	4.25	4.50	4.70	4.95	5.10	5.20	5.15	4.74
1965.....	4.96	4.87	4.75	4.53	4.31	4.31	4.62	4.75	5.01	5.11	5.23	5.14	4.79
1970.....	6.44	6.39	6.31	6.37	6.19	6.15	6.24	6.31	6.47	6.65	6.73	6.77	6.42
1975.....	8.87	8.85	8.65	8.60	8.49	8.43	8.63	9.33	9.80	10.20	10.50	10.80	9.25
1980.....	13.40	13.40	13.30	13.20	13.10	13.00	13.10	13.40	13.80	14.30	14.50	14.80	13.60
1982.....	14.30	14.20	14.10	13.90	13.60	13.70	13.60	13.70	14.00	14.30	14.30	14.40	14.00
1983.....	14.30	14.20	14.10	14.10	13.70	13.50	13.70	13.80	13.90	14.40	14.50	14.20	14.00
1984.....	14.20	13.90	13.90	13.70	13.30	13.30	13.40	13.60	14.10	14.40	14.70	14.30	13.90
1985.....	14.30	14.00	13.70	13.30	12.90	12.50	12.50	12.50	12.50	12.90	12.90	12.90	13.10
1986.....	13.00	12.90	12.60	12.40	12.30	12.20	12.40	12.60	13.10	13.50	13.80	14.00	12.90
1987.....	13.80	13.50	13.10	12.70	12.30	12.30	12.50	12.80	13.40	13.80	13.80	13.50	13.10

PENNSYLVANIA: MILK USED AND MARKETED BY FARMERS, 1960-1987

Year	Production of Milk & Milkfat 2/			Milk Used on Farms Where Produced			Milk Marketed by Farmers			
							Sold to Plants & Dealers		Sold Directly to Consumers 4/	
	Milk	Milkfat	Butterfat %	Fed to Calves	Used for Milk, Cream and Butter	Total	As Whole Milk	As Separated Cream 3/		Total
	Million Pounds									
1960.....	6,878	258	3.75	95	258	353	6,310	60	155	6,525
1965.....	7,206	269	3.73	70	161	231	6,760	35	180	6,975
1970.....	7,124	266	3.73	54	126	180	6,725	18	201	6,944
1975.....	7,140	265	3.71	41	90	131	6,705	15	289	7,009
1980.....	8,496	315	3.71	60	42	102	7,930	-	464	8,394
1982.....	9,264	337	3.64	74	46	120	8,755	-	389	9,144
1983.....	9,510	348	3.66	86	57	143	9,015	-	352	9,367
1984.....	9,423	347	3.68	104	47	151	8,995	-	277	9,272
1985.....	9,983	365	3.66	80	50	130	9,555	-	298	9,853
1986.....	10,152	373	3.67	81	41	122	9,730	-	300	10,030
1987.....	10,183	374	3.67	76	41	117	9,770	-	296	10,066

1/ Average number in milking herds. 2/ Excludes milk sucked by calves. 3/ Total milk separated on farms for cream sales to plants and dealers. 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

PENNSYLVANIA: AVERAGE NUMBER OF MILK COWS, PRODUCTION AND VALUE OF PRODUCTION - 1987

County & District	Average Number of Milk Cows	Production 1/		Value of Production 2/
		Per Cow	Total	
	Number	Pounds	Thousand Pounds	Thousand Dollars
Crawford	22,400	13,300	297,920	39,673
Erie	17,600	13,200	232,320	30,937
Forest	400	11,900	4,760	634
Mercer	11,600	14,500	168,200	22,398
Venango	2,400	12,100	29,040	3,867
Warren	5,600	13,500	75,600	10,067
NORTHWESTERN, TOTAL	**60,000**	**13,464**	**807,840**	**107,576**
Bradford	42,500	13,500	573,750	76,404
Cameron	150	11,600	1,740	232
Clinton	4,000	12,000	48,000	6,392
Elk	600	12,700	7,620	1,015
Lycoming	8,600	13,000	111,800	14,888
McKean	1,800	13,700	24,660	3,284
Potter	6,900	14,900	102,810	13,691
Sullivan	2,650	14,000	37,100	4,940
Tioga	22,800	13,200	300,960	40,078
NORTH CENTRAL, TOTAL	**90,000**	**13,427**	**1,208,440**	**160,924**
Lackawanna	3,200	12,800	40,960	5,454
Susquehanna	21,500	13,500	290,250	38,651
Wayne	16,600	12,800	212,480	28,295
Wyoming	7,700	13,700	105,490	14,048
NORTHEASTERN, TOTAL	**49,000**	**13,249**	**649,180**	**86,448**
Armstrong	4,900	13,600	66,640	8,874
Beaver	3,900	12,600	49,140	6,544
Butler	6,800	13,200	89,760	11,953
Clarion	5,400	13,400	72,360	9,636
Indiana	8,300	13,500	112,050	14,921
Jefferson	4,400	12,500	55,000	7,324
Lawrence	7,300	13,300	97,090	12,929
WEST CENTRAL, TOTAL	**41,000**	**13,220**	**542,040**	**72,181**
Blair	14,900	14,200	211,580	28,175
Cambria	2,600	14,200	36,920	4,916
Centre	12,200	15,300	186,660	24,857
Clearfield	2,900	13,800	40,020	5,329
Columbia	3,800	13,900	52,820	7,034
Dauphin	7,500	14,600	109,500	14,582
Huntingdon	12,600	13,400	168,840	22,484
Juniata	9,600	14,300	137,280	18,281
Mifflin	15,000	15,200	228,000	30,362
Montour	2,200	14,300	31,460	4,189
Northumberland	4,500	15,200	68,400	9,109
Perry	8,600	15,800	135,880	18,095
Snyder	7,700	13,300	102,410	13,638
Union	6,900	14,600	100,740	13,415
CENTRAL, TOTAL	**111,000**	**14,509**	**1,610,510**	**214,466**
Carbon	500	12,300	6,150	819
Lehigh	1,900	13,900	26,410	3,517
Luzerne	2,800	12,200	34,160	4,549
Monroe	600	12,500	7,500	999
Northampton	7,200	13,600	97,920	13,040
Pike	100	13,200	1,320	176
Schuylkill	2,900	13,300	38,570	5,136
EAST CENTRAL, TOTAL	**16,000**	**13,252**	**212,030**	**28,236**
Allegheny	1,000	12,400	12,400	1,651
Fayette	4,500	13,100	58,950	7,850
Greene	1,800	12,500	22,500	2,996
Somerset	18,500	14,000	259,000	34,490
Washington	10,200	12,500	127,500	16,979
Westmoreland	11,000	13,300	146,300	19,482
SOUTHWESTERN, TOTAL	**47,000**	**13,333**	**626,650**	**83,448**
Adams	9,300	15,000	139,500	18,577
Bedford	20,100	12,800	257,280	34,261
Cumberland	22,000	15,100	332,200	44,238
Franklin	41,000	15,500	635,500	84,627
Fulton	5,900	13,700	80,830	10,764
York	15,700	14,400	226,080	30,106
SOUTH CENTRAL, TOTAL	**114,000**	**14,661**	**1,671,390**	**222,573**
Berks	27,600	14,700	405,720	54,028
Bucks	6,300	14,200	89,460	11,913
Chester	27,200	14,700	399,840	53,245
Delaware	400	15,000	6,000	799
Lancaster	102,000	15,000	1,530,000	203,741
Lebanon	24,000	14,500	348,000	46,342
Montgomery	5,500	13,800	75,900	10,107
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**193,000**	**14,792**	**2,854,920**	**380,175**
PENNSYLVANIA	**721,000**	**14,123**	**10,183,000**	**1,356,027**

1/ Excludes milk sucked by calves. 2/ Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS - 1987

BY GLENN A. STRASBURG

ICE CREAM PRODUCTION INCREASES TWO PERCENT: Pennsylvania plants manufactured 90.3 million gallons of ice cream in 1987, second nationally only to California's 108.3 million gallons. Ice milk production totaled 17.7 million gallons, 10 percent more than 1986. Milk sherbet production at 3.7 million gallons was up 7 percent from the previous year.

BUTTER PRODUCTION DOWN 16 PERCENT: Dairy plants in Pennsylvania produced 57.2 million pounds of butter in 1987. Creamed cottage cheese production at 37.8 million pounds was up 11 percent, and curd cottage cheese production at 42.8 million pounds was up 10 percent from the previous year.

CHEESE PRODUCTION DOWN 2 PERCENT: Production of cheese, excluding cottage cheese, totaled 223.3 million pounds in 1987, a 2 percent decrease from 1986. Mozzarella cheese production was 134.3 million pounds, up 3 percent and accounted for 60 percent of total cheese production in Pennsylvania.

MILK USED IN MANUFACTURED DAIRY PRODUCTS DOWN 15 PERCENT: During 1987, a total of 3.98 billion pounds of milk (on a whole milk basis) was used in manufactured dairy products. Butter accounted for 32 percent of this total, frozen products used 35 percent and cheese and other manufactured dairy products used 33 percent.

Whole milk for dairy products used 39.5 percent of all milk marketed by Pennsylvania producers during 1987. In 1986, 46.8 percent of all milk marketed was used to manufacture dairy products. Nationally, the comparable percentages for the United States were 59.0 percent in 1986 and 58.4 percent in 1987.

PENNSYLVANIA: SPECIFIED DAIRY PRODUCTS MANUFACTURED, 1987 1/

Product	Plants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Number	Thousand Pounds												
Butter	10	6,977	6,256	8,062	6,971	6,234	2,839	2,157	1,531	2,923	3,821	3,844	5,617	57,232
Cheese, Total	22	17,964	16,494	20,066	20,421	20,871	19,881	18,218	18,028	17,019	18,460	16,794	19,087	223,303
Italian, All	12	14,134	12,683	14,943	16,021	15,833	15,400	14,054	14,239	12,771	14,047	12,793	14,932	171,850
Mozzarella & Similars	11	11,564	10,291	11,738	12,721	12,891	12,546	10,974	10,860	9,466	10,758	9,475	11,009	134,293
Swiss	5	461	395	470	488	592	520	480	499	483	481	457	448	5,775
Cottage Cheese:														
Curd	11	3,175	3,422	3,745	3,723	3,878	3,987	3,607	3,892	3,543	3,578	3,120	3,120	42,790
Creamed	11	2,832	2,971	2,946	3,035	3,533	3,549	2,920	3,464	3,200	3,286	3,111	2,920	37,767
Condensed Bulk Products:														
Skim, Unsweetened	4	3,840	2,674	3,025	2,936	2,959	3,786	3,892	3,997	3,680	3,070	2,136	1,971	37,966
		Thousand Gallons												
Ice Cream, Total	-	6,041	6,426	7,694	7,226	8,470	8,785	9,841	8,471	7,554	7,116	6,155	6,518	90,297
Ice Milk, Total	-	750	915	1,483	1,509	1,772	2,175	2,373	1,924	1,555	1,270	1,017	994	17,737
Soft	-	517	633	1,072	1,137	1,357	1,615	1,757	1,434	1,085	904	711	698	12,920
Milk Sherbet	-	249	225	301	261	346	411	454	373	306	261	277	263	3,727
Other Frozen Products	5	48	48	73	77	72	65	59	55	43	79	32	10	661
Water Ices	18	118	129	160	193	250	469	428	311	169	125	124	129	2,605
Mix, Ice Cream	54	3,085	3,220	4,002	3,847	4,490	4,859	5,319	4,547	3,914	3,693	3,097	3,192	47,265
Ice Milk	35	358	442	754	795	955	1,129	1,236	1,005	765	633	501	492	9,065
Milk Sherbet	33	165	158	207	177	243	297	323	275	216	189	181	175	2,606

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: DAIRY PRODUCTS MANUFACTURED, 1965-1987

Manufactured Products	1965	1975	1980	1983	1984	1985	1986	1987
				1,000 Pounds				
Butter	16,992	25,543	59,172	72,276	63,152	64,230	68,215	57,232
Swiss Cheese	2,686	11,839	6,969	6,748	5,995	8,173	8,277	5,775
All Italian Types of Cheese	7,381	20,763	41,476	74,272	131,831	151,645	167,312	171,850
Mozzarella Cheese & Similars	-	12,967	24,912	45,427	100,748	119,332	130,600	134,293
Total Cheese	20,693	67,985	101,262	147,463	202,711	221,595	227,898	223,303
Cottage Cheese, Curd	40,550	41,890	38,729	43,974	41,534	40,377	38,795	42,790
Creamed	49,252	49,035	45,408	43,357	38,419	35,352	34,016	37,767
Low Fat	-	12,087	16,925	19,563	21,042	1/	1/	1/
Condensed Milk (Unsweetened):								
Bulk Goods (Whole)	55,449	38,336	43,186	35,664	33,812	1/	1/	1/
(Skimmed)	111,719	43,883	57,658	47,886	61,353	47,013	48,985	37,966
Nonfat Dry Milk For Human Food	45,465	14,752	48,301	62,234	36,524	1/	1/	1/
Dry Buttermilk	581	640	1/	968	1,048	1/	1/	1/
				1,000 Gallons				
Ice Cream, Total	70,878	72,976	79,939	77,053	80,250	84,275	88,413	90,297
Ice Milk, Total	10,672	16,817	15,187	14,328	14,901	15,020	16,117	17,737
Ice Milk, Soft	-	9,660	9,881	9,938	10,728	10,961	11,786	12,920
Milk Sherbet	3,447	2,956	3,562	3,702	3,845	3,941	3,490	3,727
Water Ices	3,402	2,674	2,164	2,025	1,975	2,368	2,619	2,605
Ice Cream Mix	36,669	37,495	41,001	40,436	42,071	44,518	47,121	47,265
Ice Milk Mix	7,493	8,760	7,045	7,457	7,434	7,292	7,673	9,065
Milk Sherbet Mix	2,444	1,903	2,309	2,504	2,588	2,667	2,391	2,606
Other Frozen Dairy Products	156	787	1,153	1,965	969	1,403	1,302	661

1/ Production not shown when less than 3 plants or individual plant operations might be disclosed.

PENNSYLVANIA: RANK AMONG STATES IN MANUFACTURED DAIRY PRODUCTS, 1987

Item	1	2	3	4	5	6	7	8	9	10
Butter	Wisc.	Calif.	Minn.	Wash.	PA.	Mich.	N.Y.	Kans.	Mo.	Ohio.
All Cheese	Wisc.	Minn.	N.Y.	Calif.	Iowa	PA.	Mo.	Idaho	S.D.	Vt.
Italian Cheese, Total	Wisc.	N.Y.	Calif.	PA.	S. Dak.	Ill.	Minn.	Wash.	- -	--
Creamed Cottage Cheese	N.Y.	Calif.	Ill.	Ohio	PA.	Wisc.	Ind.	Mich.	Wash.	Ky.
Ice Cream, Total	Calif.	PA.	Texas	Mass.	N.Y.	Ohio	Minn.	Mich.	Fla.	N.C.
Ice Milk, Total	Calif.	Ill.	Texas	PA.	Fla.	Mich.	Minn.	N.Y.	Ohio	Iowa
Milk Sherbet	Calif.	N.Y.	PA.	Ohio	Texas	Iowa	Minn.	Mass.	Mich.	Ala.
Total Frozen Products	Calif.	PA.	Texas	N.Y.	Mass.	Ohio	Ill.	Minn.	Fla.	Mich.
Whole Milk In Manufactured Milk Products	Wisc.	Calif.	Minn.	N.Y.	PA.	Iowa	Wash.	Mo.	Ohio	Tex.

LIVESTOCK INVENTORY AND PRODUCTION - 1987

BY TRENT A. WICKWIRE

The total value of all cattle, hogs, and sheep on Pennsylvania farms as of January 1, 1988 was estimated at $1.35 billion, up 16 percent from 1987 and 23 percent higher than two years before. The total value of the Commonwealth's cattle herds increased by 18 percent, even though inventories were down 1 percent from the previous year. Hog inventory values were down 26 percent with inventories only 3 percent below one year earlier. Sheep inventory values increased 26 percent while the total inventory of sheep and lambs was 6 percent above the previous year.

CATTLE: All cattle and calves in Pennsylvania totaled 1,920,000 head on January 1, 1988. Milk cows totaled 724,000 head, 1 percent lower than the previous year and 3 percent below the 1986 inventory. The number of beef cows, at 206,000 head was 3 percent less than the previous year but 8 percent higher than the inventory two years ago. Milk cow replacement heifers totaled 292,000 head, 1 percent below the previous year. Heifers destined for beef cow replacement, at 39,000 head, were 2 percent fewer than one year ago. There were 245,000 steers and other heifers over 500 pounds on Pennsylvania farms, down 7 percent from the January 1, 1987 inventory. The total number of bulls, at 30,000 head was unchanged from the previous year. Calves under 500 pounds were estimated at 384,000 head, up 1 percent from the previous year's total of 381,000 head. Cattle and calves on feed for slaughter market totaled 75,000 head, down 6 percent from 1987. There were an estimated 860,000 calves born on Pennsylvania farms during 1987, 2 percent less than the previous year but 2 percent more than during 1985. An estimated 46,000 farm operations were raising cattle in the state on January 1, 1988, unchanged from the previous year. Pennsylvania was ranked 17th in the United States in cattle inventory.

HOGS: On December 1, 1987, there were an estimated 860,000 hogs and pigs on Pennsylvania farms. This total was 3 percent below the previous year inventory of 890,000 but 10 percent higher than the 1985 inventory. Breeding hog inventory, at 90,000 head was 5 percent below the previous year. The total inventory of market hogs declined 3 percent from 1986 to 770,000 head. A total of 156,000 sows farrowed during 1987, 4 percent more than in 1986. The average litter size during the year also increased slightly to 8.1 pigs saved per litter. The total 1987 pig crop was set at 1,263,000, 9 percent above the previous year and 18 percent more than in 1985. There were an estimated 10,500 operations raising hogs in the state on December 1, 1987, a decline of 500 from the previous year. Pennsylvania ranked 15th in the United States in total hog inventory.

SHEEP: There were an estimated 110,000 sheep and lambs on 4,700 Pennsylvania farms as of January 1, 1988. This was an increase of 6 percent over the 1987 inventory, and 18 percent higher than the 1986 level. The inventory consisted of 76,000 ewes over 1 year old, 7,000 rams over 1 year old, 19,000 ewes less than 1 year old, and 8,000 ram and wether lambs under 1 year old. Seventy-five thousand lambs were saved from 73,000 ewes, for an average lamb crop of 103 lambs per 100 ewes. Pennsylvania was ranked 20th in the nation in sheep inventory, 3 higher than in 1987. Wool production in the Commonwealth totaled 680,000 pounds valued at $449,000 during 1987. The average fleece weight from the 105,000 sheep shorn was 6.5 pounds last year, compared with 6.9 pounds from the previous year.

RED MEAT PRODUCTION: During 1987, red meat production in Pennsylvania commercial slaughter establishments totaled 947,382,000 pounds, 5 percent below the 1986 level. A total of 1,022,400 cattle were slaughtered during the year, a drop of 9 percent from the 1986 number. Sheep and lambs slaughtered totaled 105,200 head, 20 percent fewer than the previous year. Hog slaughter, at 1,499,700 head was 2 percent below the 1986 total. There were 275,900 calves under 500 pounds liveweight slaughtered, 4 percent less than in 1986. Pennsylvania ranked 3rd in calves slaughtered under 500 pounds, 9th in cattle, 11th for sheep and lambs, 18th in hogs, and 12th overall in red meat production.

PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1960-1988

Year	Hogs & Pigs 1/		Cattle & Calves		Sheep & Lambs		3 Species
	Number	Value	Number	Value	Number	Value	Value
			Thousands				
1960	558	$12,332	1,913	$ 390,252	250	$3,800	$ 406,384
1965	424	18,020	1,874	335,446	189	2,778	348,917
1970	570	21,204	1,781	445,250	165	3,548	470,002
1975	590	27,435	1,960	529,200	125	3,500	560,135
1980	870	50,460	1,950	1,423,500	105	6,405	1,480,365
1982	750	55,875	2,100	1,438,500	125	7,500	1,501,875
1983	870	66,990	2,000	1,290,000	98	6,223	1,363,213
1984	950	59,375	1,970	1,162,300	104	6,656	1,228,331
1985	800	63,200	1,960	1,127,000	88	5,896	1,196,096
1986	780	60,060	1,960	1,029,000	93	7,812	1,096,872
1987	890	88,110	1,950	1,072,500	104	7,852	1,168,462
1988	860	64,930	1,920	1,267,800	110	9,900	1,351,630

1/ December 1 preceding year shown, 1970 to date.

PENNSYLVANIA: PIG CROP, 1960-1987

Year	Spring Crop (December-May)			Fall Crop (June-November)			Total Pig Crop
	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	
1960	61,000	7.1	433,000	54,000	7.2	389,000	822,000
1965	42,000	7.5	315,000	38,000	7.8	296,000	611,000
1970	57,000	7.5	428,000	56,000	7.6	426,000	854,000
1975	63,000	7.7	485,000	49,000	7.9	387,000	872,000
1980	87,000	7.5	653,000	85,000	7.4	629,000	1,282,000
1982	48,000	7.9	379,000	70,000	8.1	567,000	946,000
1983	80,000	8.0	640,000	82,000	8.0	656,000	1,296,000
1984	77,000	8.0	616,000	68,000	8.0	544,000	1,160,000
1985	68,000	7.8	530,000	66,000	8.2	541,000	1,071,000
1986	72,000	7.5	540,000	78,000	8.0	624,000	1,164,000
1987	83,000	8.0	664,000	73,000	8.2	599,000	1,263,000

PENNSYLVANIA: CALF CROP, 1960-1987

Year	All Cows That Have Calved 1/		Heifers 500 Pounds And Over 1/		Calves Under 500 Pounds 1/	Calves Born
	Milk Cows	Beef Cows	Milk Cow Replacement	Beef Cow Replacement		
			Thousand Head			
1960 2/	978	90	242	35	339	918
1965 2/	929	104	223	42	326	888
1970	712	145	210	35	306	831
1975	686	176	236	49	417	800
1980	712	198	266	46	398	800
1982	730	247	307	44	411	840
1983	736	212	298	48	388	820
1984	738	198	290	39	382	830
1985	735	190	310	41	378	840
1986	730	212	294	40	381	880
1987	724	206	292	39	384	860

1/ January 1 inventory. 2/ Prior to 1970, cattle were estimated by age.

PENNSYLVANIA: LAMB AND WOOL CROPS, 1960-1987

Year	Breeding Ewes 1 Year & Older January 1	Lambs Saved Per 100 Ewes 1+ January 1	Lambs Saved	Sheep Shorn	Weight Per Fleece	Wool Production	Value Of Wool Production
	Thousand	Number	Thousand		Pounds	1,000 Lbs.	1,000 Dollars
1960	169	95	161	230	7.3	1,679	823
1965	133	102	136	174	7.6	1,322	740
1970	122	101	123	152	7.3	1,110	477
1975	94	106	100	115	7.0	805	314
1980	78	106	83	98	6.9	676	527
1982	95	84	80	90	6.8	612	226
1983	75	107	80	95	6.8	646	291
1984	77	104	80	97	6.7	650	455
1985	67	112	75	85	6.7	570	285
1986	68	116	79	99	6.9	683	423
1987	73	103	75	105	6.5	680	449

PENNSYLVANIA: LIVESTOCK AND POULTRY INVENTORY, 1982-1988

Specie & Class	Number On Farms December 1					
	1982	1983	1984	1985	1986	1987
	Thousand Head					
Hogs And Pigs	870	950	800	780	890	860
Kept For Breeding	87	110	90	85	95	90
Market Hogs And Pigs	783	840	710	695	795	770
Under 60 Pounds	303	353	316	278	294	285
60-119 Pounds	210	202	140	163	207	190
120-179 Pounds	137	147	131	134	159	160
180 Pounds And Over	133	138	123	120	135	135
Chickens, Excluding Broilers	22,500	23,800	22,500	22,100	22,050	23,950
Hens And Pullets Of Laying Age	17,600	17,300	18,500	18,400	17,300	18,500
Hens	5,150	6,850	5,000	8,300	5,700	7,100
Pullets	12,450	10,450	13,500	10,100	11,600	11,400
Pullets Not Of Laying Age	4,730	6,340	3,800	3,520	4,600	5,320
3 Months And Older	2,430	2,940	1,880	1,710	2,200	2,400
Under 3 Months	2,300	3,400	1,920	1,810	2,400	2,920
Other Chickens, Excluding Broilers	170	160	200	180	150	130

	Number On Farms January 1					
	1983	1984	1985	1986	1987	1988
	Thousand Head					
Cattle And Calves	2,000	1,970	1,960	1,960	1,950	1,920
Cows And Heifers Calved	950	936	925	937	942	930
Milk Cows	738	738	735	747	730	724
Beef Cows	212	198	190	190	212	206
Heifers 500 Pounds And Over	386	376	394	376	386	379
Milk Cow Replacement	298	290	310	290	294	292
Beef Cow Replacement	48	39	41	37	40	39
Other	40	47	43	49	52	48
Steers 500 Pounds And Over	234	240	230	225	211	197
Bulls 500 Pounds And Over	42	36	33	29	30	30
Heifers, Steers And Bulls Under 500 Pounds	388	382	378	393	381	384
Cattle And Calves On Feed	75	80	85	85	80	75
Sheep And Lambs	98	104	88	93	104	110
Lambs	18	20	16	19	25	27
Ewes	14	15	12	14	18	19
Rams And Wethers	4	5	4	5	7	8
Sheep 1 Year And Older	80	84	72	74	79	83
Ewes	75	77	67	68	73	76
Rams And Wethers	5	7	5	6	6	7

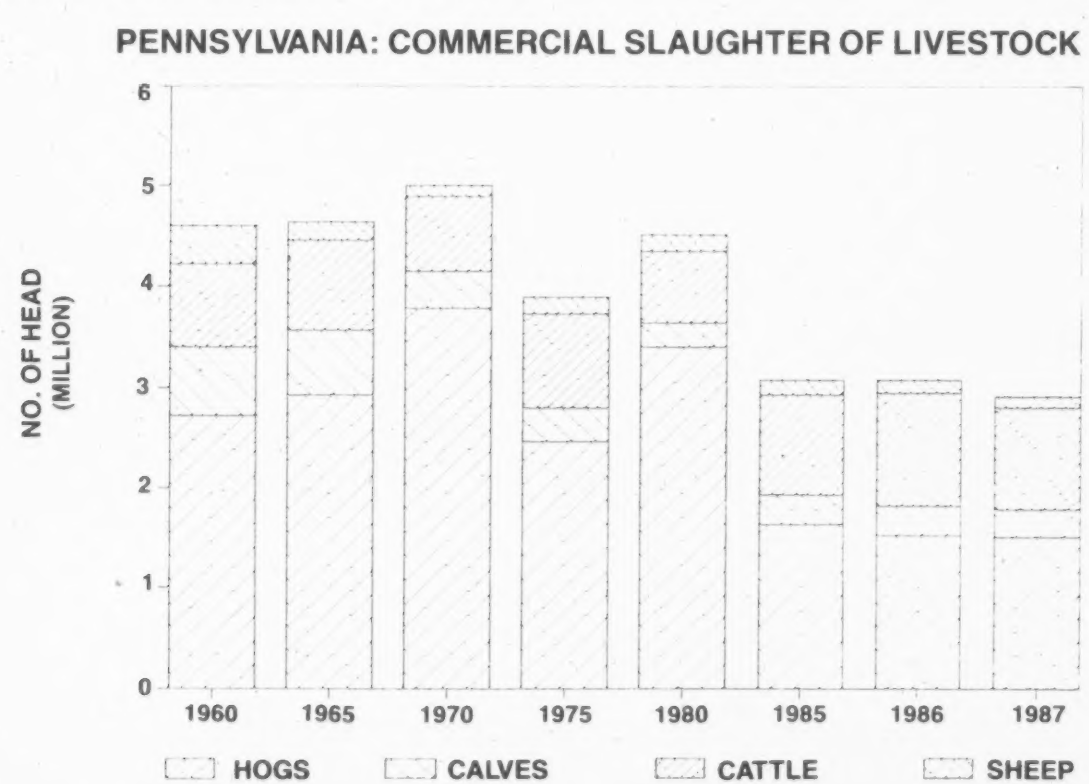
PENNSYLVANIA: LIVESTOCK ON FARMS AND VALUE, 1987-1988

County & District	No. & Value December 1, 1987 Hogs And Pigs		Number And Value January 1, 1988 Cattle And Calves		Sheep And Lambs		All Livestock
	Head Number	Value Dollars	Head Number	Value Dollars	Head Number	Value Dollars	Value Dollars
Crawford	4,700	354,850	50,000	33,250,000	1,200	108,000	33,712,850
Erie	1,700	128,350	35,000	23,275,000	700	63,000	23,466,350
Forest	300	22,650	1,000	665,000	50	4,500	692,150
Mercer	5,800	437,900	35,200	23,408,000	2,600	234,000	24,079,900
Venango	1,800	135,900	12,300	8,179,500	1,600	144,000	8,459,400
Warren	700	52,850	14,500	9,642,500	900	81,000	9,776,350
NORTHWESTERN, TOTAL	**15,000**	**1,132,500**	**148,000**	**98,420,000**	**7,050**	**634,500**	**100,187,000**
Bradford	3,000	226,500	90,500	60,182,500	5,000	450,000	60,859,000
Cameron	100	7,550	400	266,000	-	-	273,550
Clinton	2,900	218,950	12,500	8,312,500	200	18,000	8,549,450
Elk	200	15,100	2,700	1,795,500	100	9,000	1,819,600
Lycoming	5,000	377,500	26,400	17,556,000	1,300	117,000	18,050,500
McKean	300	22,650	6,100	4,056,500	600	54,000	4,133,150
Potter	200	15,100	17,000	11,305,000	1,200	108,000	11,428,100
Sullivan	300	22,650	8,500	5,652,500	500	45,000	5,720,150
Tioga	3,000	226,500	51,900	34,513,500	3,850	346,500	35,086,500
NORTH CENTRAL, TOTAL	**15,000**	**1,132,500**	**216,000**	**143,640,000**	**12,750**	**1,147,500**	**145,920,000**
Lackawanna	800	60,400	9,000	5,985,000	400	36,000	6,081,400
Susquehanna	1,400	105,700	44,000	29,260,000	1,500	135,000	29,500,700
Wayne	500	37,750	30,500	20,282,500	1,000	90,000	20,410,250
Wyoming	800	60,400	16,500	10,972,500	700	63,000	11,095,900
NORTHEASTERN, TOTAL	**3,500**	**264,250**	**100,000**	**66,500,000**	**3,600**	**324,000**	**67,088,250**
Armstrong	5,000	377,500	20,800	13,832,000	1,400	126,000	14,335,500
Beaver	1,700	128,350	11,600	7,714,000	1,450	130,500	7,972,850
Butler	9,500	717,250	29,200	19,418,000	4,050	364,500	20,499,750
Clarion	3,800	286,900	18,200	12,103,000	600	54,000	12,443,900
Indiana	9,500	717,250	31,000	20,615,000	2,100	189,000	21,521,250
Jefferson	1,100	83,050	15,000	9,975,000	800	72,000	10,130,050
Lawrence	6,400	483,200	23,200	15,428,000	2,300	207,000	16,118,200
WEST CENTRAL, TOTAL	**37,000**	**2,793,500**	**149,000**	**99,085,000**	**12,700**	**1,143,000**	**103,021,500**
Blair	4,400	332,200	30,700	20,415,500	600	54,000	20,801,700
Cambria	4,000	302,000	13,400	8,911,000	550	49,500	9,262,500
Centre	6,900	520,950	35,800	23,807,000	1,800	162,000	24,489,950
Clearfield	700	52,850	9,100	6,051,500	500	45,000	6,149,350
Columbia	8,400	634,200	15,000	9,975,000	250	22,500	10,631,700
Dauphin	15,000	1,132,500	24,000	15,960,000	2,000	180,000	17,272,500
Huntingdon	4,600	347,300	29,600	19,684,000	1,450	130,500	20,161,800
Juniata	9,500	717,250	22,500	14,962,500	1,100	99,000	15,778,750
Mifflin	8,200	619,100	28,200	18,753,000	850	76,500	19,448,600
Montour	7,500	566,250	6,600	4,389,000	250	22,500	4,977,750
Northumberland	28,000	2,114,000	20,000	13,300,000	1,500	135,000	15,549,000
Perry	8,000	604,000	22,000	14,630,000	1,000	90,000	15,324,000
Snyder	18,000	1,359,000	21,100	14,031,500	800	72,000	15,462,500
Union	13,300	1,004,150	19,000	12,635,000	400	36,000	13,675,150
CENTRAL, TOTAL	**136,500**	**10,305,750**	**297,000**	**197,505,000**	**13,050**	**1,174,500**	**208,985,250**
Carbon	1,000	75,500	1,700	1,130,500	250	22,500	1,228,500
Lehigh	9,800	739,900	5,700	3,790,500	750	67,500	4,597,900
Luzerne	2,000	151,000	8,400	5,586,000	600	54,000	5,791,000
Monroe	900	67,950	3,800	2,527,000	250	22,500	2,617,450
Northampton	5,500	415,250	16,400	10,906,000	850	76,500	11,397,750
Pike	100	7,550	500	332,500	50	4,500	344,550
Schuylkill	18,200	1,374,100	12,500	8,312,500	800	72,000	9,758,600
EAST CENTRAL, TOTAL	**37,500**	**2,831,250**	**49,000**	**32,585,000**	**3,550**	**319,500**	**35,735,750**
Allegheny	900	67,950	5,500	3,657,500	1,050	94,500	3,819,950
Fayette	2,700	203,850	21,000	13,965,000	1,100	99,000	14,267,850
Greene	700	52,850	21,900	14,563,500	11,500	1,035,000	15,651,350
Somerset	9,200	694,600	50,800	33,782,000	3,000	270,000	34,746,600
Washington	3,800	286,900	44,000	29,260,000	9,200	828,000	30,374,900
Westmoreland	4,700	354,850	35,800	23,807,000	3,800	342,000	24,503,850
SOUTHWESTERN, TOTAL	**22,000**	**1,661,000**	**179,000**	**119,035,000**	**29,650**	**2,668,500**	**123,364,500**
Adams	22,700	1,713,850	33,500	22,277,500	2,800	252,000	24,243,350
Bedford	9,100	687,050	51,700	34,380,500	1,350	121,500	35,189,050
Cumberland	22,000	1,661,000	46,800	31,122,000	1,700	153,000	32,936,000
Franklin	42,000	3,171,000	92,000	61,180,000	1,550	139,500	64,490,500
Fulton	6,500	490,750	18,000	11,970,000	500	45,000	12,505,750
York	49,700	3,752,350	52,000	34,580,000	4,000	360,000	38,692,350
SOUTH CENTRAL, TOTAL	**152,000**	**11,476,000**	**294,000**	**195,510,000**	**11,900**	**1,071,000**	**208,057,000**
Berks	45,000	3,397,500	75,800	50,407,000	2,300	207,000	54,011,500
Bucks	6,000	453,000	17,500	11,637,500	2,000	160,000	12,270,500
Chester	13,000	981,500	62,000	41,230,000	1,900	171,000	42,382,500
Delaware	1,200	90,600	1,200	798,000	500	45,000	933,600
Lancaster	328,000	24,764,000	265,000	176,225,000	6,250	562,500	201,551,500
Lebanon	38,000	2,869,000	51,000	33,915,000	1,700	153,000	36,937,000
Montgomery	10,300	777,650	15,500	10,307,500	1,100	99,000	11,184,150
Philadelphia	-	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	441,500	33,333,250	488,000	324,520,000	15,750	1,417,500	359,270,750
PENNSYLVANIA	**860,000**	**64,930,000**	**1,920,000**	**1,276,800,000**	**110,000**	**9,900,000**	**1,351,630,000**

PENNSYLVANIA: COMMERCIAL SLAUGHTER 1986-1987 1/

Month	Number of Head		Liveweight			
			Per Head		Total Pounds	
	1986	1987	1986	1987	1986	1987
			Cattle			
Jan.-Mar...	256,100	250,100	1,192	1,180	305,367,000	295,113,000
Apr.-June..	290,500	261,200	1,162	1,183	337,527,000	309,067,000
July-Sept..	283,800	252,200	1,157	1,161	328,318,000	292,738,000
Oct.-Dec...	295,100	258,900	1,168	1,184	344,728,000	306,638,000
Annual..	1,125,500	1,022,400	1,169	1,177	1,315,940,000	1,203,554,000
			Calves			
Jan.-Mar...	71,500	68,400	168	174	12,025,000	11,868,000
Apr.-June..	61,100	58,500	178	181	10,877,000	10,597,000
July-Sept..	80,500	69,900	166	168	13,400,000	11,776,000
Oct.-Dec...	74,200	79,200	167	164	12,397,000	12,985,000
Annual..	287,200	275,900	170	171	48,700,000	47,227,000
			Hogs			
Jan.-Mar...	374,000	375,700	234	240	87,501,000	90,064,000
Apr.-June..	382,200	368,600	232	237	88,690,000	87,300,000
July-Sept..	365,600	361,300	231	235	84,374,000	85,028,000
Oct.-Dec...	404,700	394,200	234	243	94,752,000	95,875,000
Annual..	1,526,700	1,499,700	233	239	355,318,000	358,266,000
			Sheep And Lambs			
Jan.-Mar...	30,900	24,500	105	111	3,251,000	2,725,000
Apr.-June..	34,500	30,300	90	101	3,118,000	3,071,000
July-Sept..	34,600	25,600	101	106	3,495,000	2,725,000
Oct.-Dec...	30,600	24,800	109	109	3,327,000	2,715,000
Annual..	130,700	105,200	101	107	13,191,000	11,234,000

1/ Quarterly may not add to annual due to rounding.



PENNSYLVANIA: COMMERCIAL SLAUGHTER OF LIVESTOCK, 1960-1987

Year	Cattle		Calves		Hogs		Sheep & Lambs	
	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight	Head	Total Liveweight
	Thousands							
1960.....	830.0	900,687	668.0	84,586	2,725.0	593,126	392.5	35,779
1965.....	901.0	961,949	643.0	84,717	2,910.0	661,201	197.3	17,832
1970.....	745.5	841,645	374.0	50,165	3,783.0	847,031	106.9	9,706
1975.....	938.5	999,105	343.4	39,862	2,452.0	559,107	153.8	15,127
1980.....	715.5	813,313	253.9	38,746	3,387.8	760,776	153.3	15,602
1982.....	857.8	968,041	305.6	47,521	1,992.6	461,062	176.9	17,716
1983.....	948.9	1,087,388	302.9	51,027	2,448.1	566,536	150.7	15,214
1984.....	977.4	1,115,097	286.7	48,291	2,138.4	504,053	173.2	17,694
1985.....	988.2	1,157,847	301.3	50,810	1,629.8	380,844	140.9	14,684
1986.....	1,125.5	1,315,940	287.2	48,700	1,526.7	355,318	130.7	13,191
1987.....	1,022.4	1,203,554	275.9	47,227	1,499.7	358,266	105.2	11,234

PENNSYLVANIA: CATTLE AND CALVES PRODUCTION, DISPOSITION AND INCOME, 1960-1987

Year	Inventory January 1	Calf Crop	Inshipments	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									
1960.....	1,913	918	167	413	478	43	28	85	1,951	$ 99,637
1965.....	1,874	888	151	465	477	41	28	84	1,818	101,706
1970.....	1,781	831	120	396	455	22	26	70	1,763	128,514
1975.....	1,960	800	99	402	347	20	35	95	1,960	152,624
1980.....	1,950	800	120	435	286	24	35	90	2,000	329,108
1982.....	2,100	840	120	558	367	20	35	80	2,060	367,633
1983.....	2,000	820	140	503	353	19	35	80	1,970	336,343
1984.....	1,970	830	130	490	345	15	35	85	1,960	323,231
1985.....	1,960	840	130	495	345	15	35	80	1,960	310,222
1986.....	1,960	880	120	520	365	15	35	75	1,950	322,825
1987.....	1,950	860	120	527	365	15	33	70	1,920	398,890

1/ Value of marketings and home consumption.

PENNSYLVANIA: HOGS AND PIGS PRODUCTION, DISPOSITION AND INCOME, 1960-1987

Year	Inventory December 1 1/	Pigs Saved	Marketings	Farm Slaughter	Deaths	Inventory December 1	Gross Income 2/
	Thousands						
1960 3/.....	558	822	593	159	103	525	$ 27,507
1965.....	461	611	486	85	77	424	26,748
1970.....	570	854	659	46	92	627	38,464
1975.....	590	872	672	51	87	660	77,296
1980.....	870	1,282	948	64	160	980	89,466
1982.....	750	946	666	40	120	870	89,888
1983.....	870	1,296	1,081	25	110	950	123,987
1984.....	950	1,160	1,180	25	105	800	139,769
1985.....	800	1,071	971	30	90	780	106,908
1986.....	780	1,164	929	25	100	890	112,483
1987.....	890	1,263	1,253	25	90	860	155,902

1/ December 1 preceding year. 2/ Value of marketings and home consumption. 3/ 1960 data on basis of a January 1 inventory.

PENNSYLVANIA: SHEEP AND LAMB PRODUCTION, DISPOSITION AND INCOME, 1960-1987

Year	Inventory January 1	Lambs Saved	Marketings		Farm Slaughter	Deaths		Inventory January 1 Following	Gross Income 1/
			Sheep	Lambs		Sheep	Lambs		
	Thousands								
1960.....	250	161	38	98	4	24	13	235	$1,780
1965.....	189	136	21	86	4	19	10	185	1,815
1970.....	165	123	17	75	3	20	13	160	1,905
1975.....	125	100	7	64	3	21	10	120	2,412
1980.....	105	83	10	47	5	11	10	105	3,169
1982.....	125	80	37	47	3	8	12	98	3,806
1983.....	98	80	6	45	5	8	10	104	3,184
1984.....	104	80	24	50	3	8	11	88	3,796
1985.....	88	75	6	42	4	8	10	93	3,217
1986.....	93	79	7	41	2	7	11	104	3,156
1987.....	104	75	15	35	3	6	10	110	3,625

1/ Value of marketings and home consumption.

PENNSYLVANIA: CATTLE AND CALVES - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1980-1987

Year	1-49 Head		50-99 Head		100-499 Head		500 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1980.....	72.9	26.5	19.1	35.7	8.0	35.7	1/	2.1
1981.....	71.5	25.5	20.0	36.0	8.5	35.5	1/	3.0
1982.....	70.2	26.5	20.0	33.0	9.8	37.9	1/	2.6
1983.....	70.2	26.3	19.4	32.3	10.4	38.7	1/	2.7
1984.....	68.1	24.2	20.4	32.6	11.5	40.5	1/	2.7
1985.....	69.6	23.5	18.7	31.5	11.7	41.9	1/	3.1
1986.....	69.5	23.5	18.5	30.3	12.0	43.1	1/	3.1
1987.....	69.5	22.6	18.5	30.5	12.0	43.3	1/	3.6

1/ Combined with next smaller size group.

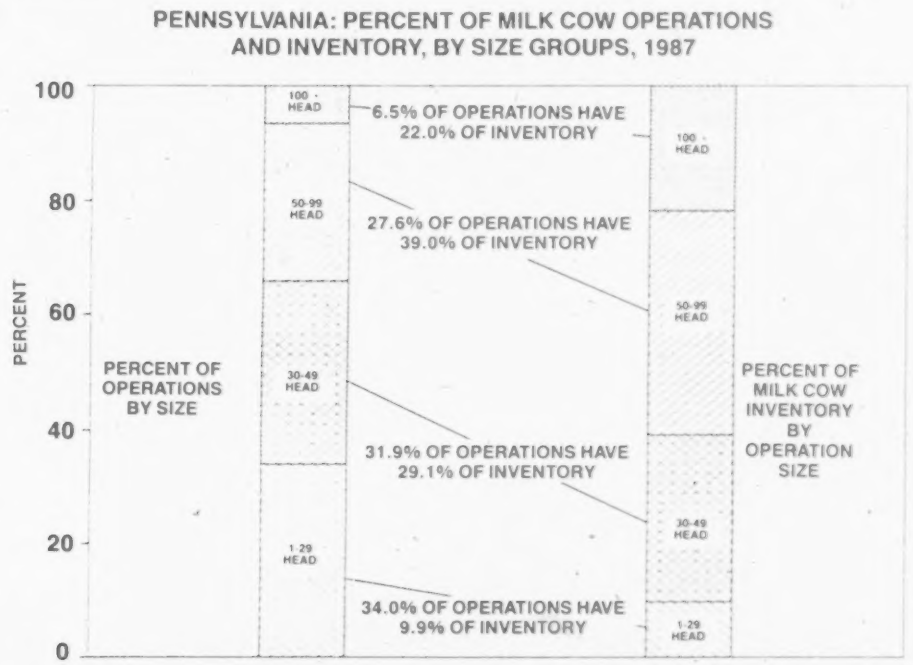
PENNSYLVANIA: MILK COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1980-1987

Year	1-29 Head		30-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1980.....	49.0	15.0	30.0	34.5	16.5	32.0	4.5	18.5
1981.....	44.5	13.5	32.5	35.0	18.5	33.0	4.5	18.5
1982.....	43.5	14.0	31.5	33.0	20.0	34.5	5.0	18.5
1983.....	43.5	13.0	30.0	31.5	21.5	36.5	5.0	19.0
1984.....	38.6	11.3	30.5	31.6	25.7	38.9	5.2	18.2
1985.....	39.1	11.0	30.0	29.1	25.2	39.2	5.7	20.7
1986.....	35.9	10.0	30.8	29.3	27.2	39.1	6.1	21.6
1987.....	34.0	9.9	31.9	29.1	27.6	39.0	6.5	22.0

PENNSYLVANIA: BEEF COWS - PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1986-1987

Year	1-49 Head		50-99 Head		100 Head And Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent					
1986 2/....	97.8	84.0	2.2	9.9	1/	6.1
1987.....	97.8	84.5	2.2	9.7	1/	5.8

1/ Combined with next smaller size group. 2/ Estimates of beef cows by size groups prior to 1986 are not available.



POULTRY SUMMARY - 1987

BY TRENT A. WICKWIRE

Pennsylvania egg and turkey producers set a record breaking production year in 1987. Poultry farmers produced a record high 4.85 billion eggs during the 12 month period ending November 30, 1987, valued at $173.9 million. This compares with 4.69 billion eggs valued at $230.7 million produced in 1986. The average price received for eggs produced was 43.0 cents per dozen, compared with 59.0 cents in 1986 and 12 cents below the 1985 average price. There was an average of 18.3 million layers on hand in the Commonwealth during 1987, nearly 2 percent higher than the 1986 average but only slightly above the 1985 average. Layers produced an average of 266 eggs during the year, 4 more than in the previous year. Pennsylvania ranked third in the United States in egg production in 1987.

The inventory of all chickens (excluding broilers) on Pennsylvania farms as of December 1, 1987, totaled 23,950,000 birds. This was nearly 9 percent more than in 1986 and just over 8 percent above the 1985 inventory, but well below the record high of 26,188,000 set in 1946. The total inventory was valued at $40,715,000, or $1.70 per bird. The December 1 inventory consisted of 18,500,000 hens and pullets of laying age, 5,320,000 pullets not of laying age, and 130,000 other chickens, placing the Commonwealth sixth among all states in chicken inventory.

Commercial hatcheries in the Commonwealth produced 175,325,000 chicks during 1987, nearly 11 percent more than in 1986. Egg-type hatch totaled 44,861,000, up 4 percent from the previous year. Broiler-type hatch, at 130,464,000 was over 13 percent more than in 1986. Pennsylvania ranked second in egg-type hatch and twelfth in broiler chicks hatched for the year.

Commercial production of broilers totaled 115,635,000 birds, breaking the previous record of 115,058,000 set in 1981 and over 13 percent higher than the 1986 level. Total liveweight of the broilers produced in 1987 was 485,667,000 pounds. The average price per pound received during the year was 29.0 cents, a decline of 3 cents from 1986. Broiler production was valued at $140,483,000, up nearly 3 percent from the previous year.

Commonwealth turkey growers raised a record 8,000,000 birds in 1987, nearly 3 percent more than the previous record of 7,800,000 set in 1986. The total liveweight of turkeys produced was 160,000,000. Producers received an average of 42.0 cents per pound in 1987, down 9 cents from the average price in 1986. The total value of production during the year was $67,200,000, more than 15 percent less than in 1986.

The gross value of all poultry production in Pennsylvania, excluding home consumption, was approximately $389,813,000, over 14 percent below the 1986 total value.

PENNSYLVANIA: CHICKEN INVENTORY ON FARMS, 1960-1987

Year	Layers			Pullets Not Laying	Other Chickens 2/	Total Chickens 1/	
	Hens	Pullets 2/	Total			Number	Value-Dollars
				Thousands			
January 1:							
1960	6,535	13,562	20,097	-	1,081	21,178	29,649
1965	7,117	9,070	16,187	3,188	201	19,576	29,364
1967	6,488	8,728	15,216	3,892	191	19,299	29,913
1968	5,969	8,791	14,760	2,816	172	17,748	27,509
1969	6,152	8,262	14,414	2,988	176	17,578	28,125
December 1:							
1969	6,250	8,425	14,675	2,617	151	17,443	29,653
1970	6,213	8,633	14,846	3,239	157	18,242	28,275
1975	4,958	6,427	11,385	2,353	112	13,850	23,545
1976	4,565	7,335	11,900	2,476	136	14,512	26,847
1977	6,025	8,175	14,200	2,855	165	17,220	32,718
1978	5,546	9,754	15,300	3,537	188	19,025	34,435
1979	5,230	11,370	16,600	4,121	209	20,930	35,581
1980	6,080	10,770	16,850	3,974	126	20,950	34,568
1981	6,020	11,130	17,150	4,256	194	21,600	36,720
1982	5,150	12,450	17,600	4,730	170	22,500	36,000
1983	6,850	10,450	17,300	6,340	160	23,800	44,030
1984	5,000	13,500	18,500	3,800	200	22,500	50,625
1985	8,300	10,100	18,400	3,520	180	22,100	36,465
1986	5,700	11,600	17,300	4,600	150	22,050	40,793
1987	7,100	11,400	18,500	5,320	130	23,950	40,715

1/ Chickens excluding commercial broilers. 2/ Before 1965 includes some pullets not of laying age.

PENNSYLVANIA: LAYERS, EGG PRODUCTION, EGG PRICES & HATCH DATA, BY MONTHS, 1960-1987

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. Or Total 1/
						NUMBER OF LAYERS (THOUSANDS)							
1960...	17,768	17,289	16,753	16,300	15,933	15,614	15,426	15,594	16,142	16,794	17,286	17,408	16,526
1965...	16,122	15,978	15,834	15,691	15,464	15,392	15,352	15,290	15,396	15,296	15,247	15,284	15,529
1970...	14,464	14,470	14,454	14,287	14,173	13,905	14,022	14,495	14,601	14,674	14,818	14,772	14,415
1975...	12,200	12,014	11,834	11,596	11,422	11,250	11,193	11,193	11,221	11,249	11,317	11,385	11,573
1980...	16,751	16,586	16,475	16,290	15,865	15,865	15,951	16,088	16,225	16,438	16,826	16,813	16,339
1981...	16,813	16,938	16,788	16,375	16,150	15,950	16,175	15,925	15,888	16,663	17,000	17,700	16,457
1982 2/	16,876	16,863	-	16,450	-	-	16,025	-	-	16,813	-	17,700	16,552
1983...	17,913	18,063	17,838	17,775	17,888	17,700	17,901	18,350	18,701	19,050	18,250	16,000	18,094
1984...	14,350	14,000	14,763	15,775	16,713	17,363	16,563	15,876	16,663	18,313	18,876	18,301	16,274
1985...	18,013	17,800	17,675	17,913	17,975	17,750	17,875	18,200	18,663	19,175	18,888	18,300	18,187
1986...	18,163	18,263	18,138	17,775	17,913	17,825	17,900	17,963	17,613	17,713	17,563	17,301	17,927
1987...	18,200	18,863	18,738	18,675	18,250	17,950	17,988	18,088	18,150	18,450	18,600	18,351	18,271
						NUMBER OF EGGS PRODUCED (MILLION)							
1960...	319	299	316	307	316	289	284	277	268	281	281	292	3,529
1965...	298	271	302	296	305	287	289	281	268	268	256	269	3,392
1970...	276	247	276	269	277	262	266	269	265	275	265	276	3,220
1975...	252	228	248	236	241	228	230	224	213	227	225	233	2,800
1980...	378	347	369	353	352	339	344	341	339	361	360	375	4,251
1981...	375	338	377	356	352	335	348	342	333	367	370	389	4,268
1982 2/	383	343	-	1,075	-	-	1,023	-	-	1,111	-	406	4,324
1983...	406	367	399	383	394	375	389	397	395	419	387	357	4,716
1984...	317	286	321	331	365	371	372	357	367	421	417	415	4,282
1985...	406	359	398	389	400	381	395	403	399	422	407	406	4,774
1986...	399	360	399	380	399	389	401	403	380	393	383	393	4,692
1987..	409	382	424	408	412	396	400	401	397	418	413	426	4,853
						AVERAGE PRICES RECEIVED FOR EGGS (PER DOZEN)							
1960...	.350	.330	.360	.430	.370	.360	.360	.400	.450	.510	.510	.510	.409
1965...	.330	.340	.330	.370	.300	.320	.340	.380	.400	.390	.410	.440	.361
1970...	.580	.530	.460	.360	.300	.300	.340	.340	.390	.340	.350	.390	.409
1975...	.582	.558	.539	.495	.565	.424	.446	.460	.521	.529	.536	.589	.512
1980...	.540	.456	.491	.480	.449	.438	.456	.521	.560	.555	.594	.684	.510
1981 3/	.637	.588	.581	.608	.567	.551	.540	.600	.620	.620	.650	.600	.600
1982...	.610	.660	.620	.610	.530	.480	.530	.460	.510	.550	.550	.510	.560
1983...	.500	.510	.520	.550	.560	.570	.540	.560	.620	.670	.710	.820	.567
1984...	.940	1.020	.840	.850	.650	.630	.580	.560	.560	.550	.550	.570	.700
1985...	.520	.460	.500	.500	.500	.470	.510	.520	.570	.600	.620	.670	.530
1986...	.660	.650	.620	.630	.570	.480	.520	.550	.510	.430	.550	.480	.570
1987..	.470	.440	.410	.420	.360	.350	.370	.300	.440	.350	.440	.310	.400
						EGG-TYPE CHICK HATCH (THOUSANDS)							
1960...	1,919	2,850	4,617	4,613	4,589	2,602	1,010	799	994	840	787	1,288	26,908
1965...	1,951	2,072	3,539	3,608	3,423	2,975	1,442	1,971	1,450	1,547	1,903	1,640	27,521
1970...	2,458	2,422	3,201	3,289	2,995	2,382	2,463	1,606	2,224	2,107	1,664	1,942	28,753
1975...	1,535	1,815	2,360	2,592	2,363	2,087	1,638	1,650	1,508	1,710	1,272	1,564	22,094
1980...	2,336	2,614	2,832	3,264	2,971	3,226	3,266	3,007	3,003	3,046	2,448	2,914	34,927
1981...	2,673	2,123	3,424	3,536	3,841	2,906	3,078	3,195	2,646	3,334	2,649	3,137	36,542
1982...	3,234	4,342	4,261	4,491	4,709	4,476	3,271	4,068	3,156	3,029	3,354	3,511	45,902
1983...	3,762	3,948	4,857	3,885	4,929	4,814	3,347	3,801	3,352	3,543	3,546	2,264	46,048
1984...	1,544	1,709	3,100	4,144	4,102	3,581	2,537	2,087	2,152	2,785	3,115	2,852	33,708
1985...	2,363	2,319	3,337	3,666	3,741	3,555	3,299	2,852	2,759	3,303	3,722	4,018	38,934
1986...	2,971	2,970	3,583	4,559	4,842	4,051	3,217	3,657	3,153	3,369	2,933	3,789	43,094
1987...	3,212	3,838	4,443	4,366	4,150	4,066	3,326	3,868	3,236	3,819	3,114	3,428	44,861
						BROILER-TYPE CHICK HATCH (THOUSANDS)							
1960...	4,638	4,067	4,492	4,194	5,218	4,596	5,040	4,264	3,590	3,722	4,039	4,668	52,528
1965...	4,439	4,396	4,651	4,830	4,990	4,987	4,867	4,605	4,507	3,938	4,365	4,650	55,225
1970...	6,283	5,815	6,347	6,337	6,648	6,555	6,328	6,441	5,718	5,754	5,937	6,276	74,439
1975...	6,641	6,185	7,286	7,278	7,469	7,172	7,677	7,283	6,948	7,283	6,597	7,314	85,133
1980...	10,330	10,151	10,933	10,726	11,283	10,815	10,474	10,436	9,830	10,397	9,602	10,235	125,212
1981...	10,495	9,502	11,208	10,904	11,342	10,759	11,025	10,220	10,424	10,150	9,627	10,649	126,305
1982...	10,591	9,334	11,262	10,927	11,191	11,071	11,020	10,684	10,187	10,114	9,733	10,495	126,609
1983...	10,363	9,217	10,956	9,436	9,013	8,454	8,320	9,049	9,013	8,652	7,354	7,317	107,144
1984...	7,149	6,753	8,234	7,895	8,208	7,831	7,811	8,169	7,924	8,010	7,413	8,849	94,246
1985...	8,964	7,756	9,829	9,003	9,678	9,151	9,857	9,683	9,736	9,080	9,032	10,145	111,916
1986...	10,185	8,667	8,699	8,845	9,261	9,851	9,857	10,054	9,822	10,106	9,614	10,327	115,288
1987...	10,862	9,490	11,050	10,533	11,278	10,948	11,091	11,143	10,614	11,478	10,604	11,373	130,464

1/ For layers, eggs, and prices, marketing year from 1970 to present runs from December 1 through November 30. 2/ For March through November 1982 average layer numbers and egg production estimates were made on a quarterly basis covering the periods March-May, June-August, and September-November. 3/ Beginning with 1981 average prices received are for market eggs only.

PENNSYLVANIA: CHICKENS ON FARMS AND VALUE DECEMBER 1, 1987 1/

County & District	Chickens: Number On Farms By Classes			All Chickens	
	Hens & Pullets Of Laying Age	Pullets Not Of Laying Age	Other Chickens	Number	Value (Dollars)
Crawford	236,500	118,000	500	355,000	603,500
Erie	43,000	11,300	700	55,000	93,500
Forest	500	400	100	1,000	1,700
Mercer	25,000	600	400	26,000	44,200
Venango	3,000	1,400	600	5,000	8,500
Warren	21,000	800	200	22,000	37,400
NORTHWESTERN, TOTAL	**329,000**	**132,500**	**2,500**	**464,000**	**788,800**
Bradford	246,000	1,300	700	248,000	421,600
Cameron	500	200	300	1,000	1,700
Clinton	34,000	500	500	35,000	59,500
Elk	91,500	200	300	92,000	156,400
Lycoming	89,000	11,800	1,200	102,000	173,400
McKean	1,000	8,000	1,000	10,000	17,000
Potter	1,000	700	300	2,000	3,400
Sullivan	1,000	700	300	2,000	3,400
Tioga	25,000	600	400	26,000	44,200
NORTH CENTRAL, TOTAL	**489,000**	**24,000**	**5,000**	**518,000**	**880,600**
Lackawanna	2,000	400	600	3,000	5,100
Susquehanna	17,000	300	700	18,000	30,600
Wayne	2,000	400	600	3,000	5,100
Wyoming	1,000	400	600	2,000	3,400
NORTHEASTERN, TOTAL	**22,000**	**1,500**	**2,500**	**26,000**	**44,200**
Armstrong	4,000	700	300	5,000	8,500
Beaver	24,000	600	400	25,000	42,500
Butler	49,000	700	300	50,000	85,000
Clarion	3,000	700	300	4,000	6,800
Indiana	12,000	200	800	13,000	22,100
Jefferson	5,000	800	200	6,000	10,200
Lawrence	122,000	2,300	700	125,000	212,500
WEST CENTRAL, TOTAL	**219,000**	**6,000**	**3,000**	**228,000**	**387,600**
Blair	11,000	1,400	600	13,000	22,100
Cambria	32,000	800	200	33,000	56,100
Centre	19,000	600	400	20,000	34,000
Clearfield	2,000	800	200	3,000	5,100
Columbia	28,000	5,500	500	34,000	57,800
Dauphin	574,000	122,000	4,000	700,000	1,190,000
Huntingdon	5,000	800	200	6,000	10,200
Juniata	129,000	22,000	6,000	157,000	266,900
Mifflin	110,000	500	3,500	114,000	193,800
Montour	1,000	500	500	2,000	3,400
Northumberland	269,000	84,400	3,600	357,000	606,900
Perry	250,000	600	4,400	255,000	433,500
Snyder	18,000	84,000	1,000	103,000	175,100
Union	69,000	1,100	900	71,000	120,700
CENTRAL, TOTAL	**1,517,000**	**325,000**	**26,000**	**1,868,000**	**3,175,600**
Carbon	16,000	700	300	17,000	28,900
Lehigh	104,000	700	1,300	106,000	180,200
Luzerne	83,000	800	200	84,000	142,800
Monroe	1,000	800	200	2,000	3,400
Northampton	118,000	600	1,400	120,000	204,000
Pike	1,000	700	300	2,000	3,400
Schuykill	624,000	294,700	1,300	920,000	1,564,000
EAST CENTRAL, TOTAL	**947,000**	**299,000**	**5,000**	**1,251,000**	**2,126,700**
Allegheny	23,000	7,300	700	31,000	52,700
Fayette	69,000	600	400	70,000	119,000
Greene	2,000	300	700	3,000	5,100
Somerset	96,000	45,000	1,000	142,000	241,400
Washington	8,000	400	600	9,000	15,300
Westmoreland	64,000	400	600	65,000	110,500
SOUTHWESTERN, TOTAL	**262,000**	**54,000**	**4,000**	**320,000**	**544,000**
Adams	1,572,000	615,000	3,000	2,190,000	3,723,000
Bedford	24,000	4,500	1,500	30,000	51,000
Cumberland	556,000	5,600	3,400	565,000	960,500
Franklin	465,000	81,000	4,000	550,000	935,000
Fulton	3,000	400	600	4,000	6,800
York	833,000	6,000	5,000	844,000	1,434,800
SOUTH CENTRAL, TOTAL	**3,453,000**	**712,500**	**17,500**	**4,183,000**	**7,111,100**
Berks	350,000	2,000	1,000	353,000	600,100
Bucks	18,000	36,000	2,000	56,000	95,200
Chester	379,000	800	1,200	381,000	647,700
Delaware	500	400	100	1,000	1,700
Lancaster	9,133,000	3,455,000	52,000	12,640,000	21,488,000
Lebanon	1,233,000	270,000	7,000	1,510,000	2,567,000
Montgomery	148,000	900	1,100	150,000	255,000
Philadelphia	500	400	100	1,000	1,700
SOUTHEASTERN, TOTAL	**11,262,000**	**3,765,500**	**64,500**	**15,092,000**	**25,656,400**
PENNSYLVANIA	**18,500,000**	**5,320,000**	**130,000**	**23,950,000**	**40,715,000**

1/ Excludes broilers. Broiler production by county is shown later in this section.

PENNSYLVANIA: NUMBER OF LAYERS, EGG PRODUCTION AND VALUE OF PRODUCTION - 1987

County & District	Average Number Of Layers	Egg Production		Value Of Production
		Per Layer	Total	
	Number	Eggs	Eggs (000)	Dollars
Crawford	233,500	265	61,878	2,217,000
Erie	42,500	266	11,305	405,000
Forest	500	266	133	5,000
Mercer	24,700	266	6,570	235,000
Venango	3,000	266	798	29,000
Warren	20,700	266	5,506	197,000
NORTHWESTERN, TOTAL	**324,900**	**265**	**86,190**	**3,088,000**
Bradford	242,900	265	64,369	2,307,000
Cameron	500	266	133	5,000
Clinton	33,600	266	8,938	320,000
Elk	90,300	266	24,020	861,000
Lycoming	87,900	266	23,381	838,000
McKean	1,000	266	266	10,000
Potter	1,000	266	266	10,000
Sullivan	1,000	266	266	10,000
Tioga	24,700	266	6,570	235,000
NORTH CENTRAL, TOTAL	**482,900**	**265**	**128,209**	**4,596,000**
Lackawanna	2,000	266	532	19,000
Susquehanna	16,800	267	4,486	161,000
Wayne	2,000	266	532	19,000
Wyoming	1,000	266	266	10,000
NORTHEASTERN, TOTAL	**21,800**	**267**	**5,816**	**209,000**
Armstrong	3,900	266	1,037	37,000
Beaver	23,700	266	6,304	226,000
Butler	48,400	266	12,874	461,000
Clarion	3,000	265	795	28,000
Indiana	11,800	266	3,139	112,000
Jefferson	4,900	266	1,303	47,000
Lawrence	120,500	266	32,053	1,149,000
WEST CENTRAL, TOTAL	**216,200**	**266**	**57,505**	**2,060,000**
Blair	10,900	266	2,899	104,000
Cambria	31,600	266	8,406	301,000
Centre	18,800	266	5,001	179,000
Clearfield	2,000	266	532	19,000
Columbia	27,600	266	7,342	263,000
Dauphin	566,700	265	150,176	5,381,000
Huntingdon	4,900	266	1,303	47,000
Juniata	127,400	266	33,868	1,214,000
Mifflin	108,600	266	28,888	1,035,000
Montour	1,000	266	266	10,000
Northumberland	265,600	265	70,384	2,522,000
Perry	246,800	265	65,402	2,344,000
Snyder	17,800	266	4,735	170,000
Union	68,100	266	18,115	649,000
CENTRAL, TOTAL	**1,497,800**	**265**	**397,337**	**14,238,000**
Carbon	15,800	266	4,203	151,000
Lehigh	102,700	266	27,318	979,000
Luzerne	82,000	266	21,812	782,000
Monroe	1,000	266	266	10,000
Northampton	116,500	266	30,989	1,110,000
Pike	1,000	266	266	10,000
Schuykill	616,100	265	163,267	5,850,000
EAST CENTRAL, TOTAL	**935,100**	**265**	**248,121**	**8,892,000**
Allegheny	22,700	266	6,038	216,000
Fayette	68,100	266	18,115	649,000
Greene	2,000	266	532	19,000
Somerset	94,800	266	25,217	904,000
Washington	7,900	266	2,101	75,000
Westmoreland	63,200	267	16,874	605,000
SOUTHWESTERN, TOTAL	**258,700**	**266**	**68,877**	**2,468,000**
Adams	1,552,100	265	411,307	14,739,000
Bedford	23,700	266	6,304	226,000
Cumberland	549,000	265	145,485	5,213,000
Franklin	459,100	266	122,121	4,376,000
Fulton	3,000	266	798	29,000
York	822,500	266	218,785	7,640,000
SOUTH CENTRAL, TOTAL	**3,409,400**	**265**	**904,800**	**32,423,000**
Berks	345,600	265	91,584	3,282,000
Bucks	17,800	266	4,735	170,000
Chester	374,200	266	99,537	3,567,000
Delaware	500	266	133	5,000
Lancaster	9,017,100	266	2,398,549	85,943,000
Lebanon	1,217,400	265	322,611	11,560,000
Montgomery	146,100	266	38,863	1,393,000
Philadelphia	500	266	133	5,000
SOUTHEASTERN, TOTAL	**11,119,200**	**266**	**2,956,145**	**105,925,000**
PENNSYLVANIA	**18,266,000**	**266**	**4,853,000**	**173,899,000**

PENNSYLVANIA: BROILER-TYPE EGGS SET, BROILER CHICKS HATCHED AND PLACED BY WEEKS, 1985-1987

Year and Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/	Year and Week Ending	Eggs Set 1/	Chicks Hatched	Chicks Placed 2/
	Thousand				Thousand		
1985:				1986:			
Nov. 16	2,778	1,960	1,616	Nov. 15	2,899	2,140	2,022
23	2,961	2,448	1,948	22	2,797	2,323	2,110
30	3,011	2,240	1,853	29	3,039	2,331	2,188
Dec. 7	2,864	2,147	1,845	Dec. 6	2,920	2,310	2,200
14	2,826	2,376	1,959	13	2,878	2,231	2,165
21	2,942	2,344	1,908	20	3,051	2,441	2,228
28	2,779	2,320	1,930	27	3,053	2,345	2,227
1986:				1987:			
Jan. 4	2,921	2,233	2,085	Jan. 3	3,055	2,330	2,230
11	2,824	2,362	2,149	10	3,102	2,455	2,376
18	2,867	2,228	1,994	17	3,155	2,470	2,323
25	2,970	2,412	2,042	24	2,933	2,459	2,384
				31	2,795	2,478	2,316
Feb. 1	2,521	2,225	1,806	Feb. 7	2,980	2,502	2,337
8	2,564	2,259	1,821	14	3,111	2,337	2,141
15	2,462	2,370	2,054	21	3,207	2,307	2,248
22	2,367	1,990	1,894	28	3,144	2,344	2,177
Mar. 1	2,447	2,019	1,965	Mar. 7	3,292	2,457	2,279
8	2,437	1,984	1,926	14	2,918	2,547	2,420
15	2,454	1,913	1,881	21	2,950	2,452	2,314
22	2,290	1,967	1,903	28	3,137	2,605	2,469
29	2,654	1,975	1,935				
Apr. 5	2,706	1,997	1,955	Apr. 4	3,170	2,306	2,258
12	2,883	1,840	1,782	11	3,288	2,340	2,292
19	2,689	2,099	2,043	18	3,211	2,490	2,288
26	2,408	2,160	2,090	25	3,268	2,524	2,398
May 3	2,565	2,312	2,285	May 2	3,150	2,608	2,432
10	2,735	2,152	2,109	9	3,134	2,554	2,339
17	2,914	1,926	1,880	16	3,136	2,668	2,517
24	2,747	2,040	2,009	23	3,357	2,481	2,294
31	2,884	2,147	2,107	30	3,158	2,476	2,442
Jun. 7	3,006	2,333	2,237	Jun. 6	3,294	2,468	2,392
14	3,008	2,150	2,078	13	3,223	2,614	2,457
21	2,962	2,260	2,182	20	3,319	2,542	2,409
28	2,693	2,424	2,369	27	3,334	2,619	2,541
Jul. 5	2,690	2,390	2,260	Jul. 4	2,932	2,466	2,279
12	2,986	2,355	2,210	11	3,295	2,622	2,521
19	2,999	2,097	1,972	18	3,066	2,596	2,466
26	2,866	2,096	2,021	25	3,335	2,238	2,016
Aug. 2	3,107	2,245	2,147	Aug. 1	3,210	2,599	2,331
9	2,984	2,264	2,161	8	3,597	2,349	2,136
16	2,950	2,167	2,079	15	3,391	2,547	2,323
23	2,852	2,371	2,155	22	3,005	2,438	2,179
30	2,941	2,281	2,203	29	3,365	2,701	2,470
Sep. 6	2,871	2,300	2,218	Sep. 5	3,180	2,575	2,460
13	2,861	2,259	2,195	12	3,132	2,254	2,132
20	2,704	2,331	2,235	19	3,238	2,577	2,457
27	2,975	2,290	2,146	26	3,344	2,540	2,404
Oct. 4	2,882	2,264	2,145	Oct. 3	3,230	2,459	2,340
11	3,012	2,172	2,005	10	3,440	2,549	2,301
18	2,741	2,353	2,218	17	3,009	2,625	2,405
25	2,725	2,249	2,107	24	2,964	2,538	2,290
				31	3,250	2,711	2,567
Nov. 1	2,968	2,379	2,242	Nov. 7	3,317	2,401	2,336
8	2,944	2,150	2,003	14	3,133	2,269	2,147
TOTAL 3/	145,197	114,625	106,364	TOTAL 4/	166,891	130,608	122,793

1/ Eggs set include eggs for all broiler-type chicks, those to be raised as broilers and those to be raised as hatchery flock replacements. Broiler chicks hatched and placed included only chicks to be raised as broilers. 2/ Placements in Pennsylvania only. 3/ Included weeks ending November 16, 1985 through November 8, 1986. 4/ Included weeks ending November 15, 1986 through November 14, 1987.

PENNSYLVANIA: BROILER PRODUCTION AND VALUE, 1987

County	Number Produced (000)	Pounds Produced (000)	Value Of Production (000)
			Dollars
Adams	2,090	8,778	2,546
Berks	5,410	22,722	6,589
Chester	4,790	20,118	5,834
Columbia	1,120	4,704	1,364
Cumberland	1,020	4,284	1,242
Dauphin	2,980	12,516	3,630
Franklin	2,540	10,668	3,094
Huntingdon	2,300	9,660	2,801
Juniata	7,240	30,408	8,818
Lancaster	51,200	215,040	62,361
Lebanon	12,540	52,668	15,274
Mifflin	1,400	5,880	1,705
Northumberland	2,810	11,802	3,423
Perry	4,030	16,926	4,909
Schuykill	3,050	12,810	3,715
Snyder	5,580	23,436	6,796
Union	1,290	5,418	1,571
York	2,050	8,610	2,497
Other Counties	2,195	9,219	2,674
Pennsylvania	**115,635**	**485,667**	**140,843**

PENNSYLVANIA: COMMERCIAL BROILERS AND ROASTERS - PRODUCTION AND INCOME, 1960-1987

Year	Number Produced	Pounds Per Bird	Pounds Produced	Price Per Pound	Gross Income
	Thousands	Pounds	Thousands	Cents	Thous. Dols.
1960	37,725	3.7	139,582	18.9	26,381
1965	42,962	3.9	167,552	17.6	29,489
1970 1/	53,677	4.0	214,708	15.6	33,494
1975	65,770	4.1	269,657	31.5	84,942
1977	88,140	4.0	352,560	25.2	88,845
1978	99,300	4.0	397,200	27.3	108,436
1979	109,206	4.1	447,745	27.5	123,130
1980	111,553	4.0	446,212	28.5	127,170
1981	115,058	4.0	460,232	30.0	138,070
1982	114,889	4.1	471,045	27.0	127,182
1983	102,642	4.1	420,832	28.0	117,833
1984	89,435	4.1	366,684	33.0	121,006
1985	94,696	4.2	397,723	31.0	123,294
1986	101,907	4.2	428,009	32.0	136,963
1987	115,635	4.2	485,667	29.0	140,483

1/ Beginning with 1970 marketing year ends November 30.

PENNSYLVANIA: EGGS - NUMBER PRODUCED, PRICE, AND VALUE OF PRODUCTION, 1960-1987 2/

Year	Number Produced	Price Per Dozen	Value of Production
	Million	Cents/Doz.	Thous. Dols.
1960	3,529	40.9	120,280
1965	3,392	36.1	102,043
1970 1/	3,220	40.9	109,746
1975	2,800	51.2	119,467
1977	2,960	53.7	132,460
1978	3,436	49.3	141,163
1979	3,836	55.7	178,055
1980	4,251	51.0	180,668
1981	4,268	60.0	213,400
1982	4,324	58.0	208,993
1983	4,716	59.0	231,871
1984	4,282	72.0	256,920
1985	4,774	55.0	218,808
1986	4,692	59.0	230,690
1987	4,853	43.0	173,899

1/ Beginning with 1970 marketing year ends November 30. 2/ Includes Market and Hatchery Eggs.

PENNSYLVANIA: TURKEYS - RAISED, AND VALUE, 1960-1987

Year	Number Raised 1/	Average Liveweight	Pounds Produced	Price Per Pound	Value Of Production
	Thousand	Pounds	Thousand	Cents	Thous. Dols.
1960	1,605	18.8	30,136	30.8	9,282
1965	1,750	19.0	33,218	26.5	8,803
1970	2,266	19.6	44,414	25.4	11,274
1975	2,838	19.0	53,922	37.3	20,113
1977	3,567	19.0	67,773	40.2	27,245
1978	3,450	18.0	62,100	47.4	29,435
1979	4,740	18.0	85,320	46.0	39,247
1980	5,510	17.0	93,670	45.0	42,152
1981	5,680	19.0	107,920	45.0	48,564
1982	5,300	19.0	100,700	47.0	47,329
1983	6,800	19.0	129,200	47.0	60,724
1984	6,100	18.0	109,800	59.0	64,782
1985	7,100	19.0	134,900	50.0	67,450
1986	7,800	20.0	156,000	51.0	79,560
1987	8,000	20.0	160,000	42.0	67,200

1/ Includes poults shipped into Pennsylvania.

MINK - 1987

BY GLENN A. STRASBURG

Pennsylvania mink ranchers produced 146,900 pelts in 1987 compared with 140,700 pelts in 1986. The number of females bred to produce kits in 1988 is estimated at 42,000. Females bred as a percent of total for the major color classes were: Standard - 21.7 percent; Gunmetal - 18.1 percent; Mahogany - 15.5 percent; Demi-buff - 9.3 percent and Sapphire - 9.3 percent.

Mink pelt production in the United States in 1987 totaled 3.95 million pelts, down 3 percent from 1986. Wisconsin, the major mink state, produced 1.09 million pelts during the year.

By color class, the number of pelts as a percent of the total U.S. production was: Standard - 41.6 percent; Demi-buff - 12.8 percent; Mahogany - 10.8 percent; Ranch Wild - 9.5 percent; Gunmetal - 6.1 percent; Pastel - 5.67 percent and White - 3.2 percent. The remaining color classes accounted for 10.4 percent.

Female mink bred to produce kits in 1988 totaled 1.15 million, up 6 percent from 1987. Bred females as a percent of total for the three major color classes were: Standard - 47.1 percent; Demi-buff - 10.8 percent and Ranch Wild - 10.3 percent.

PENNSYLVANIA: MINK PELTS PRODUCED AND FEMALES BRED, BY COLOR CLASS, 1985-1988

Color Class	Pelts Produced			Females Bred To Produce Kits		
	1985	1986	1987	1986	1987	1988
Standard	15,600	19,200	24,700	5,000	7,500	9,100
Ranch Wild	19,600	11,100	12,100	1,700	3,000	3,100
Demi-Buff 1/	21,200	23,300	15,900	7,300	5,500	3,900
Pastel	14,100	11,200	9,000	2,800	2,600	2,000
Pale Brown	2/	-	-	2/	-	-
Sapphire	13,500	12,100	9,900	4,000	4,200	3,900
Gunmetal	13,000	20,200	24,100	6,100	6,700	7,600
Mahogany	10,300	2/	26,700	3,500	2/	6,500
Pearl	2/	6,200	5,100	2,100	1,900	1,400
Pink	11,400	9,400	9,300	2,800	2,700	2,400
Violet Type	11,100	7,200	5,200	2,100	1,600	1,200
White	2/	2/	2/	2/	2/	2/
Misc. & Unclassified	2,100	3,000	1,700	800	400	2/
PENNSYLVANIA TOTAL	137,500	140,700	146,900	39,100	40,100	42,000

1/ This color class includes demi-buff, dark brown, violet, pastel, standard and pearl crosses and others.
2/ Included in total to avoid disclosing individual operations.

MINK RANCHES, PELTS PRODUCED, AND FEMALES BRED, MAJOR STATES, 1985-1988

State	Ranches Producing Pelts			Pelts Produced			Females Bred To Produce Kits In		
	1985	1986	1987	1985	1986	1987	1986	1987	1988
Idaho	44	44	40	251,700	244,700	215,000	61,600	57,500	59,500
Illinois	24	24	23	184,500	189,000	181,000	47,300	44,200	44,200
Indiana	11	8	9	19,400	17,100	14,800	4,800	4,400	5,500
Iowa	36	35	39	147,800	152,600	140,400	42,600	43,400	47,000
Massachusetts	8	8	7	13,900	11,800	12,100	3,200	3,900	2,800
Michigan	53	51	54	166,500	154,500	146,000	40,400	43,500	44,000
Minnesota	160	155	143	571,200	568,000	503,200	146,300	139,800	143,100
New York	31	30	28	108,700	104,000	99,400	27,300	25,100	27,000
Ohio	36	27	24	137,200	113,000	120,400	32,800	33,000	33,400
Oregon	40	42	42	215,000	237,000	215,000	57,000	59,000	65,000
Pennsylvania	**47**	**41**	**44**	**137,500**	**140,700**	**146,900**	**39,100**	**40,100**	**42,000**
South Dakota	16	12	11	102,300	106,000	92,200	23,500	26,500	24,900
Utah	132	121	126	501,700	479,400	535,400	144,300	137,600	161,000
Washington	45	42	49	226,000	217,300	219,900	55,000	57,200	61,400
Wisconsin	235	228	213	1,179,300	1,132,800	1,094,800	291,200	294,900	311,300
All Other States	124	121	118	207,800	228,300	217,500	57,000	67,000	73,300
U.S. TOTAL	1,042	989	970	4,170,500	4,096,200	3,954,000	1,073,400	1,077,100	1,145,400

HONEY PRODUCTION - 1987

BY GLENN A. STRASBURG

Pennsylvania honey production for 1987 (from producers with five or more hives) totaled 1.9 million pounds. There were an estimated 48,000 colonies reported statewide with an average yield of 39 pounds per colony. Total stocks of honey, as of December 15, 1987, were 711,000 pounds. The average price for the 1987 crop was 62 cents with a total value of 1.2 million dollars for Pennsylvania production. Pennsylvania ranks 27th in the nation for honey production.

Nationally, honey production in 1987 from producers with 5 or more hives totaled 227 million pounds, up 13 percent from 1986. There were 3.19 million colonies producing the honey, down slightly from 1986. The yield per colony averaged 71.1 pounds, up from 62.5 pounds in 1986. Stocks were 33.1 million pounds or 14.6 percent of production.

Prices for the 1987 U.S. honey crop averaged 50.7 cents per pound, down 0.4 cents from the 1986 price of 51.1 cents per pound. Prices are based on sales to private processors and co-ops, and on retail sales by producers. All government payments and loans are excluded from the honey prices.

PENNSYLVANIA: HONEY, PRODUCTION AND VALUE, 1967-1987

Year	Colonies Of Bees	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand 1/
	Thousand	Pounds	Thousand Pounds	Dollars	Thous. Dollars	Thousand Pounds
1967	113	29	3,277	.202	662	950
1968	110	28	3,080	.212	653	1,016
1969	108	31	3,348	.216	723	1,440
1970	96	39	3,744	.202	756	1,385
1971	89	40	3,560	.252	897	1,566
1972	92	41	3,772	.338	1,275	981
1973	95	40	3,800	.443	1,683	1,330
1974	100	21	2,100	.594	1,247	735
1975	86	25	2,150	.589	1,266	645
1976	93	31	2,883	.615	1,773	923
1977	93	31	2,883	.656	1,891	865
1978	78	31	2,418	.653	1,579	725
1979	74	41	3,034	.643	1,951	1,001
1980	80	41	3,280	.700	2,296	1,181
1981	85	30	2,550	.831	2,119	995
1986 2/	50	32	1,600	.550	880	624
1987	48	39	1,872	.620	1,161	711

1/ Stocks on hand December 15 for sale. 2/ Survey discontinued after 1981 and reinstated in 1986.

PENNSYLVANIA AND MAJOR STATES: NUMBER OF COLONIES, PRODUCTION, STOCKS, AND VALUE - 1987

State	Colonies Of Bees	Yield Per Colony	Production	Stocks December 15	Value Of Production
	Thous. Colonies	Pounds	Thousand Pounds		Thous. Dollars
Pennsylvania	**48**	**39**	**1,872**	**711**	**1,161**
Arizona	73	47	3,431	309	1,818
California	500	33	16,500	1,650	8,415
Colorado	44	73	3,212	96	1,702
Florida	240	79	18,960	1,327	9,480
Georgia	120	38	4,560	502	2,508
Idaho	105	60	6,300	945	3,465
Kansas	46	51	2,346	821	1,501
Michigan	80	68	5,440	1,034	2,883
Minnesota	150	108	16,200	1,296	7,452
Montana	95	102	9,690	1,066	4,457
Nebraska	120	92	11,040	2,208	4,968
North Dakota	280	110	30,800	3,388	13,552
South Dakota	250	134	33,500	5,360	15,075
Texas	110	74	8,140	1,465	4,396
Wisconsin	83	97	8,051	1,047	4,348
U.S. TOTAL	**3,190**	**71.1**	**226,822**	**33,094**	**115,356**

CROP PRODUCTION - 1987

BY BLAIR L. SMITH

1987 CROP SUMMARY: A warm, dry spring made conditions good for Pennsylvania's farmers to get an earlier than normal start on their spring plowing and planting activities for the third year in a row. Spring plowing was completed by early June, slightly behind the previous year but ahead of the five year average. Oats planting started early then lagged somewhat in late May as the state received some cool, wet weather but picked up pace again in June to finish about a week ahead of normal. Potato growers began planting a week ahead of the previous year and two weeks ahead of normal. Most of the potatoes were planted by the second week of June, a week behind 1986's crop. Corn plantings started by the third week of April, a week ahead of normal and were through by the last of June. Planting of soybeans began early but the pace dropped off during the late May rains and ended around the first week of July, about the normal pace.

Topsoil moisture ratings across the state were rated mostly adequate from mid-April through to the middle of June. By late June there were many reports of topsoil being short of moisture. By early July, the rating again was mostly adequate until late July when the topsoil dried up and was rated short. The weather remained dry through the beginning of September. Above normal rain fell in early September and early October which brought mostly surplus moisture levels to the topsoil. By late October the weather dried out again and the season ended with adequate moisture in the topsoil.

Above normal rainfall and temperatures in late June and early July did not stop the Commonwealth's farmers from starting the barley and wheat harvests about a week earlier than normal. The barley harvest was underway by the third week of June while the wheat harvest began by the first of July. By the first week of August, barley was completely harvested, a few days ahead of normal. The wheat harvest ended at the normal time, the third week of August.

Potato harvest began about the end of July, when it normally does; however, like most of the fall activities, progress was delayed during the early September and early October rains. Potato harvest didn't finish until early November, over a week behind the normal pace. Corn harvest for ensilage began by the second week of August, a few days earlier than normal, and finished by the second week of November, a few days later than normal. Corn harvest for grain began in early September, ahead of the previous year and almost two weeks ahead of normal. Like the other fall activities, corn grain harvest was delayed somewhat by the rains but still finished over a week ahead of normal in late November. Soybean harvest also began very early, by the second week of September and finished by the end of November, a week ahead of normal. Tobacco harvest began by the second week of August and ended by the fourth week of September. The first fields were plowed by the first of August and after being delayed by rains somewhat in mid-September, finished up at about the normal pace in mid-November.

SMALL GRAINS: Pennsylvania's 1987 production of oats, wheat, and barley was lower for the second year in a row while rye production was the same as the previous year.

Production of winter wheat was 7,955,000 bushels, 18 percent less than the 1986 crop. Acres harvested totaled a record low 185,000, 16 percent below the previous year. Yield per harvested acre was 43 bushels, 1 bushel below 1986. Oats production was 14,820,000 bushels, 8 percent less than the previous year's production and a record low. Acres harvested tied the previous record low set in 1986 at 260,000. Oats yield was 57 bushels per acre, 5 bushels less than 1986. Total barley production for 1987 was 3,420,000 bushels, 12 percent below a year earlier. Acreage harvested was 60,000, 5,000 less than a year earlier and yield was 57 bushels per acre, down from 60 in 1986. Rye acreage harvested, yield and production were 18,000 acres, 35 bushels per acre, and 630,000 bushels, all the same as the previous year.

CORN: Pennsylvania's 1987 corn for grain production at 95,400,000 bushels, was 25 percent below 1986 production. Acreage harvested was 1,060,000, 15 percent below the previous year. Yield was 90 bushels per acre, down from 103 a year earlier.

Corn silage production was 6,960,000 tons, 10 percent higher than a year earlier. Acres harvested increased from 420,000 to 480,000 in 1987 but yield decreased from 15 tons per acre to 14.5 tons per acre in 1987.

HAY: The production of all hay in 1987 totaled 5,198,000 tons, up 1 percent from the 1986 crop and is the second largest crop on record. Total acres of hay harvested was 2,030,000, up 30,000 acres from 1986. The average yield was 2.56 tons per acre, unchanged from the 1986 yield. Alfalfa hay production was 2,720,000 tons, 1 percent above the previous year's production. A record high 850,000 acres were harvested, 10,000 acres more than the year earlier. Alfalfa hay yield was 3.20 tons per acre, equal to the previous year's yield. Other hay production was 2,478,000 tons, up 2 percent from the year earlier. A total of 1,180,000 acres of other hay were harvested, 20,000 more than 1986. The yield obtained was 2.10 tons per acre, equal to 1986.

SOYBEANS: Production of soybeans in 1987 was 5,610,000 bushels, up 3 percent from the previous year. Acres harvested were 165,000, up 10,000 from a year earlier. Yield was 34 bushels per acre, down 1 bushel from the record high yield of 1986.

POTATOES: Total potato production was 4,730,000 hundredweight (cwt.), 8 percent less than 1986. Acres harvested were the same as the year earlier at 21,500. Yield decreased 8 percent from the previous year to 220 cwt. per acre.

TOBACCO: Total production of tobacco was 20,700,000 pounds in 1987, down 5 percent from 1986. Total acres harvested stayed the same as 1986 at 11,000 acres. The average yield was 1,882 pounds per acre, down 103 pounds per acre from 1986. Pennsylvania seedleaf type tobacco accounted for 13,300,000 pounds of the total production and 7,400,000 pounds was Maryland type tobacco. Pennsylvania seedleaf type was harvested from 7,000 acres with an average yield of 1,900 pounds per acre. Pennsylvania's farmers harvested 4,000 acres of Maryland type tobacco with an average yield of 1,850 pounds per acre.

PENNSYLVANIA: SUMMARY OF PRINCIPAL CROPS HARVESTED IN 1987

Crop	Acres Harvested	Production 1/			Value 2/	
		Unit	Per Acre	Total	Per Unit	Total
				Thous.	Dols.	Thous. Dols.
Wheat	185,000	Bu.	43	7,955	2.65	21,081
Rye	16,000	Bu.	35	630	2.90	1,827
Oats	260,000	Bu.	57	14,820	1.95	28,899
Barley	60,000	Bu.	57	3,420	1.30	4,446
Soybeans	165,000	Bu.	34	5,610	5.30	29,733
Corn, For Grain	1,060,000	Bu.	90	95,400	2.15	205,110
Corn, For Silage	480,000	Ton	14.5	6,960	21.30	148,248
Hay, All	2,080,000	Ton	2.56	5,196	87.00	452,226
Hay, Alfalfa	850,000	Ton	3.20	2,720	-	-
Hay, Other	1,180,000	Ton	2.10	2,478	-	-
Potatoes	21,500	Cwt.	220	4,730	6.70	31,691
Tobacco--All	11,000	Lbs.	1,882	20,700	.770	15,940
Mushrooms 3/	-	Lb.	-	281,376	.691	194,465
Strawberries	1,300	Cwt.	42	55	82.60	4,543
Fresh Vegetables:						
Sweet Corn	14,300	Cwt.	49	701	14.50	10,165
Tomatoes	4,500	Cwt.	160	720	15.80	11,376
Processing Vegetables 4/:	14,200	Ton	-	57.4	-	6,261
Snap Beans	6,600	Ton	2.00	13.2	195.00	2,574
Sweet Corn	3,000	Ton	3.51	10.5	50.00	527
Tomatoes	2,100	Ton	14.14	29.7	75.60	2,245
Pears	-	Ton	-	3.05	270.00	822
Cherries, Sweet	-	Ton	-	.50	1,480.00	740
Grapes	-	Ton	-	62.50	235.00	14,718
				Million Pounds		
Apples	-	Lb.	-	460	.090	41,201
Peaches	-	Lb.	-	85.0	.175	14,916
Cherries, Tart	-	Lb.	-	4.3	.164	704
TOTAL: ALL CROPS	-		-	-	-	1,239,112

1/ Excludes some quantities of vegetables and fruit not harvested or not marketed because of economic conditions and excess cullage of fruit. 2/ Includes allowance for loans outstanding and purchases by government valued at average loan and purchase rates. 3/ 1986 production year ending June 30, 1987. 4/ Includes some unlisted crops.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, DISPOSITION AND VALUE OF GRAINS AND HAY, 1960-1987

Year	Acres		Production		Season Average Price	Value Of Production
	Planted	Harvested	Per Acre	Total	Per Unit	
	Thousand		Bushel	Thous. Bu.	$/Bu.	Thous. Dols.
			Winter Wheat			
1960	546	535	29.5	15,782	1.67	26,356
1970	286	275	33.0	9,075	1.42	12,887
1980	260	250	37.0	9,250	4.10	37,925
1983	210	200	38.0	7,600	3.65	27,740
1984	230	220	38.0	8,360	3.60	30,096
1985	220	210	48.0	10,080	3.05	30,744
1986	230	220	44.0	9,680	2.75	26,620
1987	190	185	43.0	7,955	2.65	21,081
			Oats			
1960	684	653	42.5	27,752	.74	20,536
1970	420	395	57.0	22,515	.78	17,562
1980	360	340	56.0	19,040	2.13	40,555
1983	330	300	54.0	16,200	1.89	30,618
1984	300	280	57.0	15,960	1.94	30,962
1985	320	300	70.0	21,000	1.26	26,460
1986	290	260	62.0	16,120	1.37	22,084
1987	290	260	57.0	14,820	1.95	28,899
			Barley			
1960	172	168	45.0	7,560	.92	6,955
1970	180	172	50.0	8,600	.96	8,256
1980	80	75	50.0	3,750	2.89	10,838
1983	70	65	55.0	3,575	2.20	7,865
1984	75	70	52.0	3,640	2.45	8,918
1985	75	70	62.0	4,340	1.60	6,944
1986	70	65	60.0	3,900	1.35	5,265
1987	65	60	57.0	3,420	1.30	4,446
			Soybeans			
1960	26	7	23.0	161	2.10	338
1970	30	28	32.0	896	2.90	2,598
1980	135	130	24.5	3,185	7.60	24,206
1983	152	145	24.0	3,480	7.80	27,144
1984	175	170	35.0	5,950	5.84	34,748
1985	175	170	35.0	5,950	4.75	28,263
1986	160	155	35.0	5,425	4.85	26,311
1987	170	165	34.0	5,610	5.30	29,733
			Corn For Grain			
1960	1,202	923	67.0	61,841	1.22	75,446
1970	1,260	914	89.0	81,346	1.51	122,832
1980	1,800	1,280	75.0	96,000	3.62	347,520
1983	1,600	1,050	69.0	72,450	3.75	271,688
1984	1,780	1,350	110.0	148,500	2.83	420,255
1985	1,780	1,360	110.0	151,800	2.48	376,464
1986	1,670	1,240	103.0	127,720	1.83	233,728
1987	1,550	1,060	90.0	95,400	2.15	205,110
			Corn For Silage			
			Tons	Thous. Tons	$/Ton	
1960	-	260	11.5	2,990	8.50	25,415
1970	-	318	15.5	4,929	10.50	51,755
1980	-	498	12.6	6,275	22.50	141,188
1983	-	530	10.5	5,565	27.20	151,368
1984	-	420	16.5	6,930	26.30	182,259
1985	-	395	16.5	6,518	23.70	154,477
1986	-	420	15.0	6,300	19.00	119,700
1987	-	480	14.5	6,960	21.30	148,248
			All Hay			
1960	-	2,087	1.91	3,991	24.30	96,961
1970	-	2,069	2.18	4,511	30.00	135,330
1980	-	1,950	2.14	4,182	75.00	313,650
1983	-	1,970	2.35	4,620	98.00	452,760
1984	-	1,980	2.57	5,082	85.00	431,970
1985	-	1,990	2.66	5,302	67.50	357,885
1986	-	2,000	2.56	5,124	80.00	409,920
1987	-	2,030	2.56	5,198	87.00	452,226

PENNSYLVANIA: GRAIN AND HAY STOCKS BY POSITIONS, QUARTERLY 1985-1987

Quarter And Year	On-Farms	Off-Farms 1/	Total All Positions
		Thousand Bushels	
		Corn	
MARCH 1			
1985 2/	77,220	7,345	84,565
1986 2/	75,900	5,130	81,080
1987	89,000	8,013	97,013
JUNE 1			
1985	50,490	4,594	55,084
1986	57,684	5,068	62,729
1987	51,000	6,367	57,367
SEPTEMBER 1			
1985 3/	20,790	2,231	23,021
1986	27,000	3,068	30,068
1986	28,000	4,070	32,070
DECEMBER 1			
1985 4/	98,670	7,370	106,040
1986	120,000	9,535	129,535
1987	85,000	8,596	93,596
		All Wheat	
MARCH 1			
1985 2/	836	3,419	4,255
1986 2/	*	3,349	*
1987	*	3,914	*
JUNE 1			
1965	334	1,717	2,051
1986	*	1,730	*
1987	*	2,222	*
SEPTEMBER 1			
1985 3/	3,326	8,198	11,524
1986	*	6,188	*
1967	*	6,220	*
DECEMBER 1			
1985 4/	1,613	5,461	7,074
1986	*	4,509	*
1967	*	5,197	*
		Oats 5/	
JUNE 1			
1985	5,267	791	6,058
1986	7,770	900	8,670
1987	3,700	454	4,154
		Barley 5/	
JUNE 1			
1985	400	146	546
1986	*	175	*
1967	*	130	*
		Hay	
		Thousand Tons	
DECEMBER 1			
1965 4/	3,456	-	3,456
1986	3,741	-	3,741
1987	4,054	-	4,054
MAY 1			
1985	966	-	966
1986	1,113	-	1,113
1987	769	-	769

1/ Includes stocks at mills, elevators, warehouses, terminals, processors and CCC-owned grain at bin sites. 2/ April 1. 3/ October 1. 4/ January 1, 1986. 5/ Quarterly estimates not available. June 1 stocks represent end of market year stocks. * Separate estimates for Pennsylvania not available.

PENNSYLVANIA: CORN FOR GRAIN - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Total Planted	Harvested for Grain	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	30,200	22,000	101.0	2,222,000	4,777,300
Erie	19,200	14,000	104.0	1,456,000	3,130,400
Forest	500	300	108.0	32,400	69,700
Mercer	23,400	19,000	112.0	2,128,000	4,575,200
Venango	3,900	3,400	97.0	329,800	709,100
Warren	5,400	1,400	110.0	154,000	331,100
NORTHWESTERN, TOTAL	**82,600**	**60,100**	**105.2**	**6,322,200**	**13,592,800**
Bradford	37,500	16,000	107.0	1,712,000	3,680,800
Cameron	200	100	80.0	8,000	17,200
Clinton	10,900	9,500	110.0	1,045,000	2,246,800
Elk	1,200	600	93.0	55,800	120,000
Lycoming	30,500	26,000	92.0	2,392,000	5,142,800
McKean	1,500	400	95.0	38,000	81,700
Potter	7,500	1,400	102.0	142,800	307,000
Sullivan	3,500	1,300	85.0	110,500	237,600
Tioga	20,200	8,000	83.0	664,000	1,427,600
NORTH CENTRAL, TOTAL	**113,000**	**63,300**	**97.4**	**6,168,100**	**13,261,500**
Lackawanna	2,600	800	83.0	66,400	142,800
Susquehanna	11,300	2,200	98.0	215,600	463,500
Wayne	5,900	1,500	85.0	127,500	274,100
Wyoming	7,100	2,700	81.0	218,700	470,200
NORTHEASTERN, TOTAL	**26,900**	**7,200**	**87.3**	**628,200**	**1,350,600**
Armstrong	14,400	11,500	111.0	1,276,500	2,744,500
Beaver	5,100	4,300	97.0	417,100	896,800
Butler	20,100	15,200	116.0	1,763,200	3,790,900
Clarion	9,900	7,200	117.0	842,400	1,811,200
Indiana	28,100	23,000	101.0	2,323,000	4,994,400
Jefferson	8,900	6,800	102.0	693,600	1,491,200
Lawrence	24,000	18,500	121.0	2,238,500	4,812,800
WEST CENTRAL, TOTAL	**110,500**	**86,500**	**110.5**	**9,554,300**	**20,541,800**
Blair	26,500	14,000	92.0	1,288,000	2,769,200
Cambria	10,600	6,400	95.0	608,000	1,307,200
Centre	30,600	23,500	98.0	2,303,000	4,951,500
Clearfield	5,900	4,000	98.0	392,000	842,800
Columbia	27,100	23,700	99.0	2,346,300	5,044,500
Dauphin	33,000	26,000	55.0	1,430,000	3,074,500
Huntingdon	25,500	17,500	105.0	1,837,500	3,950,600
Juniata	16,000	10,000	72.0	720,000	1,548,000
Mifflin	22,000	11,500	108.0	1,242,000	2,670,300
Montour	8,700	6,500	110.0	715,000	1,537,300
Northumberland	33,800	29,000	81.0	2,349,000	5,050,300
Perry	23,500	16,500	58.0	957,000	2,057,600
Snyder	28,000	22,500	82.0	1,845,000	3,966,800
Union	19,000	16,000	95.0	1,520,000	3,268,000
CENTRAL, TOTAL	**310,200**	**227,100**	**86.1**	**19,552,800**	**42,038,600**
Carbon	2,200	1,900	90.0	171,000	367,700
Lehigh	28,900	28,000	115.0	3,220,000	6,923,000
Luzerne	9,500	6,600	90.0	594,000	1,277,100
Monroe	5,400	4,800	110.0	528,000	1,135,200
Northampton	39,300	35,000	119.0	4,165,000	8,954,700
Pike	700	600	91.0	54,600	117,400
Schuylkill	23,100	20,000	71.0	1,420,000	3,053,000
EAST CENTRAL, TOTAL	**109,100**	**96,900**	**104.8**	**10,152,600**	**21,828,100**
Allegheny	2,100	1,600	88.0	140,800	302,700
Fayette	14,500	11,000	80.0	880,000	1,892,000
Greene	3,600	2,000	88.0	176,000	378,400
Somerset	33,700	17,000	86.0	1,462,000	3,143,300
Washington	16,600	11,600	85.0	986,000	2,119,900
Westmoreland	21,400	16,500	102.0	1,683,000	3,618,400
SOUTHWESTERN, TOTAL	**91,900**	**59,700**	**89.2**	**5,327,800**	**11,454,700**
Adams	41,200	33,000	51.0	1,683,000	3,618,400
Bedford	35,700	18,000	77.0	1,386,000	2,979,900
Cumberland	60,200	38,000	52.0	1,976,000	4,248,400
Franklin	74,700	35,000	65.0	2,275,000	4,891,200
Fulton	13,900	10,200	70.0	714,000	1,535,100
York	87,300	70,000	69.0	4,830,000	10,384,500
SOUTH CENTRAL, TOTAL	**313,000**	**204,200**	**63.0**	**12,864,000**	**27,657,500**
Berks	79,700	58,000	93.0	5,394,000	11,597,000
Bucks	21,400	16,500	99.0	1,633,500	3,512,000
Chester	51,600	39,000	108.0	4,212,000	9,055,800
Delaware	1,200	1,000	125.0	125,000	268,800
Lancaster	182,200	105,500	103.0	10,866,500	23,362,900
Lebanon	43,600	25,500	71.0	1,810,500	3,892,600
Montgomery	13,100	9,500	83.0	788,500	1,695,300
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**392,800**	**255,000**	**97.4**	**24,830,000**	**53,384,400**
PENNSYLVANIA	1,550,000	1,060,000	90.0	95,400,000	205,110,000

PENNSYLVANIA: CORN FOR SILAGE - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	8,000	13.7	109,600	2,334,500
Erie	5,100	13.2	67,300	1,433,500
Forest	200	13.0	2,600	55,400
Mercer	4,100	15.4	63,100	1,344,000
Venango	500	14.7	7,400	157,600
Warren	3,900	13.6	53,000	1,128,900
NORTHWESTERN, TOTAL	**21,800**	**13.9**	**303,000**	**6,453,900**
Bradford	21,100	15.7	331,300	7,056,700
Cameron	100	12.9	1,300	27,700
Clinton	1,400	11.8	16,500	351,500
Elk	600	11.5	6,900	147,000
Lycoming	4,500	17.7	79,700	1,697,600
McKean	1,100	11.8	13,000	276,900
Potter	6,000	14.7	88,200	1,878,700
Sullivan	2,100	15.5	32,600	694,400
Tioga	12,000	13.6	163,200	3,476,200
NORTH CENTRAL, TOTAL	**48,900**	**15.0**	**732,700**	**15,606,700**
Lackawanna	1,600	16.8	26,900	573,000
Susquehanna	9,100	14.3	130,100	2,771,100
Wayne	4,300	15.0	64,500	1,373,900
Wyoming	4,400	16.1	70,800	1,508,000
NORTHEASTERN, TOTAL	**19,400**	**15.1**	**292,300**	**6,226,000**
Armstrong	2,900	14.0	40,600	864,800
Beaver	800	15.5	12,400	264,100
Butler	4,900	15.4	75,500	1,608,200
Clarion	2,600	16.4	42,600	907,400
Indiana	5,100	13.7	69,900	1,488,900
Jefferson	2,100	18.3	38,400	817,900
Lawrence	5,300	18.0	95,400	2,032,000
WEST CENTRAL, TOTAL	**23,700**	**15.8**	**374,800**	**7,983,300**
Blair	12,500	16.4	205,000	4,366,500
Cambria	4,100	12.3	50,400	1,073,500
Centre	7,100	12.9	91,600	1,951,100
Clearfield	1,900	10.5	20,000	426,000
Columbia	3,400	15.6	53,000	1,128,900
Dauphin	6,700	11.5	77,100	1,642,200
Huntingdon	7,800	13.8	107,600	2,291,900
Juniata	6,000	10.7	64,200	1,367,500
Mifflin	10,200	14.5	147,900	3,150,300
Montour	2,200	15.8	34,800	741,200
Northumberland	4,800	13.4	64,300	1,369,600
Perry	6,800	9.1	61,900	1,318,500
Snyder	5,500	12.2	67,100	1,429,200
Union	3,000	12.7	38,100	811,500
CENTRAL, TOTAL	**82,000**	**13.2**	**1,083,000**	**23,067,900**
Carbon	300	13.2	4,000	85,200
Lehigh	900	15.6	14,000	298,200
Luzerne	2,800	12.9	36,100	768,900
Monroe	600	13.5	8,100	172,500
Northampton	4,200	14.5	60,900	1,297,100
Pike	100	13.8	1,400	29,800
Schuylkill	3,000	12.2	36,600	779,600
EAST CENTRAL, TOTAL	**11,900**	**13.5**	**161,100**	**3,431,300**
Allegheny	400	11.3	4,500	95,900
Fayette	3,300	13.3	43,900	935,100
Greene	1,600	11.0	17,600	374,900
Somerset	15,900	13.4	213,100	4,539,000
Washington	4,900	11.5	56,400	1,201,300
Westmoreland	4,600	13.9	63,900	1,361,100
SOUTHWESTERN, TOTAL	**30,700**	**13.0**	**399,400**	**8,507,300**
Adams	7,900	8.8	69,500	1,480,400
Bedford	17,500	13.8	241,500	5,143,900
Cumberland	21,400	9.1	194,700	4,147,100
Franklin	39,200	11.9	466,400	9,934,300
Fulton	3,400	10.6	36,000	766,800
York	16,500	13.9	229,400	4,886,200
SOUTH CENTRAL, TOTAL	**105,900**	**11.7**	**1,237,500**	**26,358,700**
Berks	21,600	15.6	337,000	7,178,100
Bucks	4,900	14.4	70,600	1,503,800
Chester	12,500	19.9	248,800	5,299,400
Delaware	200	14.0	2,800	59,600
Lancaster	75,100	19.1	1,434,300	30,550,600
Lebanon	17,900	12.9	230,900	4,918,100
Montgomery	3,500	14.8	51,800	1,103,300
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**135,700**	**17.5**	**2,376,200**	**50,612,900**
PENNSYLVANIA	**480,000**	**14.5**	**6,960,000**	**148,248,000**

PENNSYLVANIA: ALFALFA AND OTHER HAY - ACREAGE, YIELD AND PRODUCTION - 1987

County & District	Alfalfa Hay			Other Hay		
	Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Tons	Tons	Acres	Tons	Tons
Crawford	15,600	3.10	48,400	47,400	2.40	113,800
Erie	7,500	3.40	25,500	31,500	2.50	78,600
Forest	1,100	2.40	2,600	900	1.90	1,700
Mercer	15,200	2.90	44,100	23,800	2.20	52,400
Venango	5,500	2.80	15,400	8,800	2.40	21,100
Warren	5,400	2.80	15,100	13,100	2.00	26,200
NORTHWESTERN, TOTAL	**50,300**	**3.00**	**151,100**	**125,500**	**2.34**	**294,000**
Bradford	43,000	3.10	133,200	76,000	2.20	167,200
Cameron	100	3.00	300	700	2.00	1,400
Clinton	5,500	3.30	18,200	5,700	2.50	14,300
Elk	1,700	3.30	5,600	3,100	2.40	7,400
Lycoming	15,200	2.70	41,000	16,800	2.00	33,600
McKean	2,100	2.90	6,100	8,300	2.00	16,600
Potter	11,300	2.80	31,600	19,600	2.00	39,200
Sullivan	2,900	3.40	9,900	9,100	2.00	18,200
Tioga	21,500	2.40	51,600	60,500	1.90	115,000
NORTH CENTRAL, TOTAL	**103,300**	**2.88**	**297,500**	**199,800**	**2.07**	**412,900**
Lackawanna	3,500	3.00	10,500	14,000	2.10	29,400
Susquehanna	13,200	3.10	40,900	50,800	2.90	147,300
Wayne	6,000	3.00	18,000	44,000	1.90	83,600
Wyoming	7,800	2.90	22,600	13,700	2.30	31,500
NORTHEASTERN, TOTAL	**30,500**	**3.02**	**92,000**	**122,500**	**2.38**	**291,800**
Armstrong	16,500	2.60	42,900	17,500	1.90	33,300
Beaver	8,100	3.20	25,900	6,900	2.30	15,900
Butler	18,400	3.00	55,200	20,600	2.50	51,500
Clarion	9,000	3.20	28,800	17,500	2.40	42,000
Indiana	16,500	2.60	42,900	20,500	2.40	49,200
Jefferson	13,200	2.60	34,300	13,800	1.60	22,100
Lawrence	9,400	3.50	32,900	10,100	2.10	21,200
WEST CENTRAL, TOTAL	**91,100**	**2.89**	**262,900**	**106,900**	**2.20**	**235,200**
Blair	16,800	3.50	58,800	8,800	2.00	17,600
Cambria	7,000	3.60	25,200	13,500	2.50	33,800
Centre	22,500	3.70	83,300	17,500	2.60	45,500
Clearfield	8,200	2.80	23,000	12,300	1.50	18,500
Columbia	8,900	3.00	26,700	14,600	1.80	26,300
Dauphin	10,500	3.10	32,600	13,500	2.00	27,000
Huntingdon	16,700	2.90	48,400	15,300	2.10	32,100
Juniata	12,300	3.00	36,900	8,700	2.50	21,800
Mifflin	14,100	3.60	50,800	7,900	1.90	15,000
Montour	3,700	3.10	11,500	3,800	2.10	8,000
Northumberland	8,000	2.60	20,800	10,000	1.90	19,000
Perry	14,100	2.60	36,700	12,900	1.90	24,500
Snyder	11,200	2.90	32,500	11,300	2.50	28,300
Union	10,100	3.00	30,300	5,900	1.90	11,200
CENTRAL, TOTAL	**164,100**	**3.15**	**517,500**	**156,000**	**2.11**	**328,600**
Carbon	1,500	3.30	5,000	4,000	2.00	8,000
Lehigh	8,000	3.20	25,600	7,000	2.10	14,700
Luzerne	6,100	2.90	17,700	7,900	1.80	14,200
Monroe	1,800	3.60	6,500	3,900	2.60	10,100
Northampton	15,000	3.60	54,000	3,500	2.20	7,700
Pike	100	3.00	300	1,000	1.70	1,700
Schuylkill	7,500	2.80	21,000	11,500	1.70	19,600
EAST CENTRAL, TOTAL	**40,000**	**3.25**	**130,100**	**38,800**	**1.96**	**76,000**
Allegheny	3,700	2.50	9,300	5,300	1.70	9,000
Fayette	11,800	3.10	36,600	16,200	1.80	32,800
Greene	7,500	2.60	19,500	30,500	1.70	51,900
Somerset	21,600	2.70	58,300	37,400	1.80	67,300
Washington	31,000	2.70	83,700	30,500	1.80	54,900
Westmoreland	24,300	2.80	68,000	25,700	1.70	43,700
SOUTHWESTERN, TOTAL	**99,900**	**2.76**	**275,400**	**147,600**	**1.76**	**259,600**
Adams	8,000	3.30	26,400	32,000	2.10	67,200
Bedford	33,300	3.10	103,200	28,700	1.70	48,800
Cumberland	20,200	2.90	58,600	20,800	1.80	37,400
Franklin	36,600	3.20	117,100	30,400	2.30	69,900
Fulton	8,400	3.10	26,000	11,100	1.80	20,000
York	17,900	3.10	55,500	30,100	2.10	63,200
SOUTH CENTRAL, TOTAL	**124,400**	**3.11**	**386,800**	**153,100**	**2.00**	**306,500**
Berks	36,400	3.90	142,000	26,600	2.10	55,900
Bucks	5,100	3.60	18,400	17,400	2.00	34,800
Chester	27,400	4.40	120,600	26,600	2.10	55,900
Delaware	600	3.30	2,000	1,100	2.00	2,200
Lancaster	54,600	4.50	245,600	32,400	2.30	74,500
Lebanon	17,700	3.50	62,000	12,300	2.00	24,600
Montgomery	4,600	3.50	16,100	13,400	1.90	25,500
Philadelphia	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**146,400**	**4.14**	**606,700**	**129,800**	**2.11**	**273,400**
PENNSYLVANIA	**850,000**	**3.20**	**2,720,000**	**1,180,000**	**2.10**	**2,478,000**

PENNSYLVANIA: ALL HAY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Harvested	Yield	Production	Value of Production
	Acres	Tons	Tons	Dollars
Crawford	63,000	2.57	162,200	14,111,400
Erie	39,000	2.67	104,300	9,074,100
Forest	2,000	2.15	4,300	374,100
Mercer	39,000	2.47	96,500	8,395,500
Venango	14,300	2.55	36,500	3,175,500
Warren	18,500	2.23	41,300	3,593,100
NORTHWESTERN, TOTAL	**175,800**	**2.53**	**445,100**	**38,723,700**
Bradford	119,000	2.52	300,400	26,134,800
Cameron	800	2.13	1,700	147,900
Clinton	11,200	2.90	32,500	2,827,500
Elk	4,800	2.71	13,000	1,131,000
Lycoming	32,000	2.33	74,600	6,490,200
McKean	10,400	2.18	22,700	1,974,900
Potter	30,900	2.29	70,800	6,159,600
Sullivan	12,000	2.34	28,100	2,444,700
Tioga	82,000	2.03	166,600	14,494,200
NORTH CENTRAL, TOTAL	**303,100**	**2.34**	**710,400**	**61,804,800**
Lackawanna	17,500	2.28	39,900	3,471,300
Susquehanna	64,000	2.94	188,200	16,373,400
Wayne	50,000	2.03	101,600	8,839,200
Wyoming	21,500	2.52	54,100	4,706,700
NORTHEASTERN, TOTAL	**153,000**	**2.51**	**383,800**	**33,390,600**
Armstrong	34,000	2.24	76,200	6,629,400
Beaver	15,000	2.79	41,800	3,636,600
Butler	39,000	2.74	106,700	9,282,900
Clarion	26,500	2.67	70,800	6,159,600
Indiana	37,000	2.49	92,100	8,012,700
Jefferson	27,000	2.09	56,400	4,906,800
Lawrence	19,500	2.77	54,100	4,706,700
WEST CENTRAL, TOTAL	**198,000**	**2.52**	**498,100**	**43,334,700**
Blair	25,600	2.98	76,400	6,646,800
Cambria	20,500	2.88	59,000	5,133,000
Centre	40,000	3.22	128,800	11,205,600
Clearfield	20,500	2.02	41,500	3,610,500
Columbia	23,500	2.26	53,000	4,611,000
Dauphin	24,000	2.48	59,600	5,185,200
Huntingdon	32,000	2.52	80,500	7,003,500
Juniata	21,000	2.80	58,700	5,106,900
Mifflin	22,000	2.99	65,800	5,724,600
Montour	7,500	2.60	19,500	1,696,500
Northumberland	18,000	2.21	39,800	3,462,600
Perry	27,000	2.27	61,200	5,324,400
Snyder	22,500	2.70	60,800	5,289,600
Union	16,000	2.59	41,500	3,610,500
CENTRAL, TOTAL	**320,100**	**2.64**	**846,100**	**73,610,700**
Carbon	5,500	2.36	13,000	1,131,000
Lehigh	15,000	2.69	40,300	3,506,100
Luzerne	14,000	2.28	31,900	2,775,300
Monroe	5,700	2.91	16,600	1,444,200
Northampton	18,500	3.34	61,700	5,367,900
Pike	1,100	1.82	2,000	174,000
Schuylkill	19,000	2.14	40,600	3,532,200
EAST CENTRAL, TOTAL	**78,800**	**2.62**	**206,100**	**17,930,700**
Allegheny	9,000	2.03	18,300	1,592,100
Fayette	30,000	2.31	69,400	6,037,800
Greene	38,000	1.86	71,400	6,211,800
Somerset	59,000	2.13	125,600	10,927,200
Washington	61,500	2.25	138,600	12,058,200
Westmoreland	50,000	2.23	111,700	9,717,900
SOUTHWESTERN, TOTAL	**247,500**	**2.16**	**535,000**	**46,545,000**
Adams	40,000	2.34	93,600	8,143,200
Bedford	62,000	2.45	152,000	13,224,000
Cumberland	41,000	2.34	96,000	8,352,000
Franklin	67,000	2.79	187,000	16,269,000
Fulton	19,500	2.36	46,000	4,002,000
York	48,000	2.47	118,700	10,326,900
SOUTH CENTRAL, TOTAL	**277,500**	**2.50**	**693,300**	**60,317,100**
Berks	63,000	3.14	197,900	17,217,300
Bucks	22,500	2.36	53,200	4,628,400
Chester	54,000	3.27	176,500	15,355,500
Delaware	1,700	2.47	4,200	365,400
Lancaster	87,000	3.68	320,100	27,848,700
Lebanon	30,000	2.89	86,600	7,534,200
Montgomery	16,000	2.31	41,600	3,619,200
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	276,200	3.19	880,100	76,568,700
PENNSYLVANIA	**2,030,000**	**2.56**	**5,198,000**	**452,226,000**

PENNSYLVANIA: WHEAT - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	800	700	32.0	22,400	59,400
Erie	700	700	44.0	30,800	81,600
Forest	-	-	-	-	-
Mercer	2,900	2,800	44.0	123,200	326,500
Venango	200	200	37.0	7,400	19,600
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**4,600**	**4,400**	**41.8**	**183,800**	**487,100**
Bradford	200	200	38.0	7,600	20,100
Cameron	-	-	-	-	-
Clinton	700	700	35.0	24,500	64,900
Elk	-	-	-	-	-
Lycoming	2,500	2,400	34.0	81,600	216,200
McKean	-	-	-	-	-
Potter	200	200	38.0	7,600	20,100
Sullivan	-	-	-	-	-
Tioga	200	200	36.0	7,200	19,100
NORTH CENTRAL, TOTAL	**3,800**	**3,700**	**34.7**	**128,500**	**340,400**
Lackawanna	200	200	45.0	9,000	23,900
Susquehanna	-	-	-	-	-
Wayne	-	-	-	-	-
Wyoming	100	100	40.0	4,000	10,600
NORTHEASTERN, TOTAL	**300**	**300**	**43.3**	**13,000**	**34,500**
Armstrong	1,300	1,200	39.0	46,800	124,000
Beaver	1,500	1,400	46.0	64,400	170,700
Butler	3,100	3,000	40.0	120,000	318,000
Clarion	600	600	40.0	24,000	63,600
Indiana	1,100	1,000	34.0	34,000	90,100
Jefferson	500	500	35.0	17,500	46,400
Lawrence	2,400	2,300	41.0	94,300	249,900
WEST CENTRAL, TOTAL	**10,500**	**10,000**	**40.1**	**401,000**	**1,062,700**
Blair	1,300	1,200	43.0	51,600	136,700
Cambria	500	500	39.0	19,500	51,700
Centre	2,600	2,500	47.0	117,500	311,400
Clearfield	100	100	40.0	4,000	10,600
Columbia	5,500	5,400	42.0	226,800	601,000
Dauphin	4,200	4,000	41.0	164,000	434,600
Huntingdon	900	800	36.0	28,800	76,300
Juniata	2,300	2,200	38.0	83,600	221,500
Mifflin	1,700	1,700	48.0	81,600	216,200
Montour	1,400	1,300	39.0	50,700	134,400
Northumberland	6,700	6,500	41.0	266,500	706,200
Perry	4,800	4,700	37.0	173,900	460,800
Snyder	3,100	3,000	35.0	105,000	278,300
Union	2,500	2,400	39.0	93,600	248,000
CENTRAL, TOTAL	**37,600**	**36,300**	**40.4**	**1,467,100**	**3,887,700**
Carbon	700	700	48.0	33,600	89,000
Lehigh	10,200	10,100	47.0	474,700	1,258,000
Luzerne	1,500	1,400	45.0	63,000	167,000
Monroe	1,300	1,200	40.0	48,000	127,200
Northampton	7,300	7,200	46.0	331,200	877,700
Pike	-	-	-	-	-
Schuylkill	3,800	3,700	39.0	144,300	382,400
EAST CENTRAL, TOTAL	**24,800**	**24,300**	**45.1**	**1,094,800**	**2,901,300**
Allegheny	300	300	39.0	11,700	31,000
Fayette	1,300	1,200	44.0	52,800	139,900
Greene	200	200	42.0	8,400	22,300
Somerset	500	500	36.0	18,000	47,700
Washington	600	600	43.0	25,800	68,400
Westmoreland	2,500	2,400	38.0	91,200	241,700
SOUTHWESTERN, TOTAL	**5,400**	**5,200**	**40.0**	**207,900**	**551,000**
Adams	9,400	9,200	38.0	349,600	926,400
Bedford	1,300	1,200	44.0	52,800	139,900
Cumberland	9,100	8,900	46.0	409,400	1,084,900
Franklin	6,100	5,900	46.0	271,400	719,200
Fulton	1,500	1,400	46.0	64,400	170,700
York	23,800	23,500	43.0	1,010,500	2,678,100
SOUTH CENTRAL, TOTAL	**51,200**	**50,100**	**43.1**	**2,158,100**	**5,719,200**
Berks	14,900	14,700	45.0	661,500	1,753,000
Bucks	5,800	5,700	37.0	210,900	558,900
Chester	5,500	5,300	48.0	254,400	674,200
Delaware	100	100	39.0	3,900	10,300
Lancaster	17,800	17,500	47.0	822,500	2,179,600
Lebanon	4,600	4,400	49.0	215,600	571,300
Montgomery	3,100	3,000	44.0	132,000	349,800
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**51,800**	**50,700**	**45.4**	**2,300,800**	**6,097,100**
PENNSYLVANIA	**190,000**	**185,000**	**43.0**	**7,955,000**	**21,081,000**

PENNSYLVANIA: BARLEY - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	300	300	57.0	17,100	22,200
Erie	200	200	56.0	11,200	14,600
Forest	-	-	-	-	-
Mercer	400	400	52.0	20,800	27,000
Venango	100	100	49.0	4,900	6,400
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**1,000**	**1,000**	**54.0**	**54,000**	**70,200**
Bradford	200	100	55.0	5,500	7,200
Cameron	-	-	-	-	-
Clinton	-	-	-	-	-
Elk	100	100	40.0	4,000	5,200
Lycoming	300	300	50.0	15,000	19,500
McKean	-	-	-	-	-
Potter	300	200	52.0	10,400	13,500
Sullivan	-	-	-	-	-
Tioga	100	100	50.0	5,000	6,500
NORTH CENTRAL, TOTAL	**1,000**	**800**	**49.9**	**39,900**	**51,900**
Lackawanna	-	-	-	-	-
Susquehanna	100	100	43.0	4,300	5,600
Wayne	-	-	-	-	-
Wyoming	-	-	-	-	-
NORTHEASTERN, TOTAL	**100**	**100**	**43.0**	**4,300**	**5,600**
Armstrong	500	500	56.0	28,000	36,400
Beaver	500	500	64.0	32,000	41,600
Butler	1,000	900	50.0	45,000	58,500
Clarion	-	100	50.0	5,000	6,500
Indiana	400	400	55.0	22,000	28,600
Jefferson	300	200	54.0	10,800	14,000
Lawrence	400	400	54.0	21,600	28,100
WEST CENTRAL, TOTAL	**3,100**	**3,000**	**54.8**	**164,400**	**213,700**
Blair	300	300	61.0	18,300	23,800
Cambria	400	300	50.0	15,000	19,500
Centre	500	400	48.0	19,200	25,000
Clearfield	100	100	48.0	4,800	6,200
Columbia	400	400	58.0	23,200	30,200
Dauphin	3,000	2,700	47.0	126,900	165,000
Huntingdon	400	400	51.0	20,400	26,500
Juniata	1,100	900	60.0	54,000	70,200
Mifflin	400	400	47.0	18,800	24,400
Montour	500	500	51.0	25,500	33,200
Northumberland	1,300	1,200	57.0	68,400	88,900
Perry	900	900	64.0	57,600	74,900
Snyder	800	800	51.0	40,800	53,000
Union	300	300	56.0	16,800	21,800
CENTRAL, TOTAL	**10,400**	**9,600**	**53.1**	**509,700**	**662,600**
Carbon	-	-	-	-	-
Lehigh	1,600	1,400	57.0	79,800	103,700
Luzerne	100	100	43.0	4,300	5,600
Monroe	-	-	-	-	-
Northampton	1,000	800	60.0	48,000	62,400
Pike	-	-	-	-	-
Schuylkill	800	800	49.0	39,200	51,000
EAST CENTRAL, TOTAL	**3,500**	**3,100**	**55.3**	**171,300**	**222,700**
Allegheny	100	100	59.0	5,900	7,700
Fayette	500	500	55.0	27,500	35,800
Greene	-	-	-	-	-
Somerset	400	400	54.0	21,600	28,100
Washington	500	500	49.0	24,500	31,900
Westmoreland	800	700	53.0	37,100	48,200
SOUTHWESTERN, TOTAL	**2,300**	**2,200**	**53.0**	**116,600**	**151,700**
Adams	2,600	2,400	49.0	117,600	152,900
Bedford	600	600	55.0	33,000	42,900
Cumberland	3,200	3,000	52.0	156,000	202,800
Franklin	5,800	5,200	58.0	301,600	392,100
Fulton	700	700	45.0	31,500	41,000
York	9,400	8,900	55.0	489,500	636,300
SOUTH CENTRAL, TOTAL	**22,300**	**20,800**	**54.3**	**1,129,200**	**1,468,000**
Berks	6,000	5,600	62.0	347,200	451,300
Bucks	1,000	900	53.0	47,700	62,000
Chester	2,600	2,400	67.0	160,800	209,000
Delaware	100	100	60.0	6,000	7,800
Lancaster	7,400	6,700	67.0	448,900	583,500
Lebanon	3,100	2,700	60.0	162,000	210,600
Montgomery	1,100	1,000	58.0	58,000	75,400
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**21,300**	**19,400**	**63.4**	**1,230,600**	**1,599,600**
PENNSYLVANIA	65,000	60,000	57.0	3,420,000	4,446,000

PENNSYLVANIA: OATS - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	13,400	11,800	58.0	684,400	1,334,600
Erie	7,900	6,900	66.0	455,400	888,000
Forest	300	300	60.0	18,000	35,100
Mercer	10,100	9,400	57.0	535,800	1,044,800
Venango	1,700	1,600	55.0	88,000	171,600
Warren	1,600	1,300	64.0	83,200	162,200
NORTHWESTERN, TOTAL	**35,000**	**31,300**	**59.6**	**1,864,800**	**3,636,300**
Bradford	9,700	7,500	49.0	367,500	716,600
Cameron	100	100	45.0	4,500	8,800
Clinton	1,300	1,200	55.0	66,000	128,700
Elk	900	800	54.0	43,200	84,200
Lycoming	7,400	7,000	56.0	392,000	764,400
McKean	600	400	49.0	19,600	38,200
Potter	2,600	2,200	68.0	149,600	291,700
Sullivan	1,100	900	60.0	54,000	105,300
Tioga	6,200	5,000	57.0	285,000	555,800
NORTH CENTRAL, TOTAL	**29,900**	**25,100**	**55.0**	**1,381,400**	**2,693,700**
Lackawanna	700	400	51.0	20,400	39,800
Susquehanna	1,800	1,400	53.0	74,200	144,700
Wayne	400	200	54.0	10,800	21,100
Wyoming	1,100	800	56.0	44,800	87,400
NORTHEASTERN, TOTAL	**4,000**	**2,800**	**53.6**	**150,200**	**293,000**
Armstrong	5,900	5,500	52.0	286,000	557,700
Beaver	2,500	2,300	55.0	126,500	246,700
Butler	8,500	8,000	57.0	456,000	889,200
Clarion	3,700	3,400	55.0	187,000	364,700
Indiana	9,000	8,300	53.0	439,900	857,800
Jefferson	4,400	4,200	51.0	214,200	417,700
Lawrence	4,800	4,600	59.0	271,400	529,200
WEST CENTRAL, TOTAL	**38,800**	**36,300**	**54.6**	**1,981,000**	**3,863,000**
Blair	2,500	1,900	63.0	119,700	233,400
Cambria	9,300	9,000	62.0	558,000	1,088,100
Centre	6,700	6,000	63.0	378,000	737,100
Clearfield	2,900	2,500	52.0	130,000	253,500
Columbia	9,100	8,500	57.0	484,500	944,800
Dauphin	5,200	4,900	55.0	269,500	525,500
Huntingdon	4,700	4,200	54.0	226,800	442,300
Juniata	4,000	3,500	50.0	175,000	341,300
Mifflin	2,900	2,500	56.0	140,000	273,000
Montour	3,500	3,200	53.0	169,600	330,700
Northumberland	7,200	6,700	59.0	395,300	770,800
Perry	5,000	4,500	59.0	265,500	517,700
Snyder	5,400	5,000	53.0	265,000	516,800
Union	5,600	5,000	62.0	310,000	604,500
CENTRAL, TOTAL	**74,000**	**67,400**	**57.7**	**3,886,900**	**7,579,500**
Carbon	1,600	1,500	60.0	90,000	175,500
Lehigh	6,700	6,200	57.0	353,400	689,100
Luzerne	3,000	2,900	58.0	168,200	328,000
Monroe	2,600	2,500	66.0	165,000	321,800
Northampton	4,600	3,800	55.0	209,000	407,600
Pike	100	100	52.0	5,200	10,100
Schuylkill	7,300	6,900	56.0	386,400	753,500
EAST CENTRAL, TOTAL	**25,900**	**23,900**	**57.6**	**1,377,200**	**2,685,600**
Allegheny	1,200	1,000	63.0	63,000	122,900
Fayette	2,900	2,600	53.0	137,800	268,700
Greene	300	200	55.0	11,000	21,500
Somerset	14,700	14,000	59.0	826,000	1,610,600
Washington	4,200	3,600	58.0	208,800	407,200
Westmoreland	7,400	6,800	55.0	374,000	729,300
SOUTHWESTERN, TOTAL	**30,700**	**28,200**	**57.5**	**1,620,600**	**3,160,200**
Adams	2,900	2,400	53.0	127,200	248,000
Bedford	6,400	5,800	57.0	330,600	644,700
Cumberland	4,900	4,300	56.0	240,800	469,600
Franklin	4,700	3,900	60.0	234,000	456,300
Fulton	3,200	3,000	50.0	150,000	292,500
York	8,300	7,700	61.0	469,700	915,800
SOUTH CENTRAL, TOTAL	**30,400**	**27,100**	**57.3**	**1,552,300**	**3,026,900**
Berks	7,900	7,100	56.0	397,500	775,000
Bucks	3,100	2,600	51.0	132,600	258,600
Chester	3,100	2,600	56.0	145,600	283,900
Delaware	100	100	54.0	5,400	10,500
Lancaster	2,000	1,500	64.0	96,000	187,200
Lebanon	3,000	2,300	55.0	126,500	246,700
Montgomery	2,100	1,700	60.0	102,000	198,900
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	**21,300**	**17,900**	**56.2**	**1,005,600**	**1,960,800**
PENNSYLVANIA	**290,000**	**260,000**	**57.0**	**14,820,000**	**28,899,000**

PENNSYLVANIA: SOYBEANS - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Bushels	Bushels	Dollars
Crawford	2,500	2,400	35.0	84,000	445,200
Erie	1,600	1,500	37.0	55,500	294,200
Forest	-	-	-	-	-
Mercer	2,900	2,800	35.0	98,000	519,400
Venango	600	600	30.0	18,000	95,400
Warren	-	-	-	-	-
NORTHWESTERN, TOTAL	**7,600**	**7,300**	**35.0**	**255,500**	**1,354,200**
Bradford	200	200	28.0	5,600	29,700
Cameron	-	-	-	-	-
Clinton	1,300	1,300	36.0	46,800	248,000
Elk	-	-	-	-	-
Lycoming	3,200	3,100	34.0	105,400	558,600
McKean	-	-	-	-	-
Potter	-	-	-	-	-
Sullivan	-	-	-	-	-
Tioga	100	100	34.0	3,400	18,000
NORTH CENTRAL, TOTAL	**4,800**	**4,700**	**34.3**	**161,200**	**854,300**
Lackawanna	-	-	-	-	-
Susquehanna	-	-	-	-	-
Wayne	-	-	-	-	-
Wyoming	-	-	-	-	-
NORTHEASTERN, TOTAL	-	-	-	-	-
Armstrong	500	500	33.0	16,500	87,500
Beaver	200	200	38.0	7,600	40,300
Butler	1,200	1,100	39.0	42,900	227,400
Clarion	400	400	36.0	14,400	76,300
Indiana	1,300	1,300	34.0	44,200	234,300
Jefferson	100	100	30.0	3,000	15,900
Lawrence	1,000	1,000	36.0	36,000	190,800
WEST CENTRAL, TOTAL	**4,700**	**4,600**	**35.8**	**164,600**	**872,500**
Blair	100	100	35.0	3,500	18,600
Cambria	100	100	30.0	3,000	15,900
Centre	1,600	1,600	38.0	60,800	322,200
Clearfield	100	100	35.0	3,500	18,600
Columbia	6,300	6,000	33.0	198,000	1,049,400
Dauphin	4,400	4,300	30.0	129,000	683,700
Huntingdon	100	100	30.0	3,000	15,900
Juniata	1,300	1,300	33.0	42,900	227,400
Mifflin	300	300	35.0	10,500	55,700
Montour	5,000	4,900	36.0	176,400	934,900
Northumberland	8,100	7,800	33.0	257,400	1,364,200
Perry	2,700	2,600	36.0	93,600	496,100
Snyder	1,900	1,900	35.0	66,500	352,500
Union	3,700	3,500	30.0	105,000	556,500
CENTRAL, TOTAL	**35,700**	**34,600**	**33.3**	**1,153,100**	**6,111,600**
Carbon	500	500	30.0	15,000	79,500
Lehigh	5,200	5,000	39.0	195,000	1,033,500
Luzerne	900	900	29.0	26,100	138,300
Monroe	700	700	36.0	25,200	133,600
Northampton	6,100	6,000	39.0	234,000	1,240,200
Pike	-	-	-	-	-
Schuylkill	600	600	26.0	15,600	82,700
EAST CENTRAL, TOTAL	**14,000**	**13,700**	**37.3**	**510,900**	**2,707,800**
Allegheny	400	400	29.0	11,600	61,500
Fayette	200	200	33.0	6,600	35,000
Greene	-	-	-	-	-
Somerset	700	600	33.0	19,800	104,900
Washington	-	-	-	-	-
Westmoreland	800	800	31.0	24,800	131,400
SOUTHWESTERN, TOTAL	**2,100**	**2,000**	**31.4**	**62,800**	**332,800**
Adams	8,600	8,400	28.0	235,200	1,246,500
Bedford	700	700	28.0	19,600	103,900
Cumberland	2,500	2,400	25.0	60,000	318,000
Franklin	1,300	1,200	27.0	32,400	171,700
Fulton	200	200	28.0	5,600	29,700
York	20,200	19,600	30.0	588,000	3,116,300
SOUTH CENTRAL, TOTAL	**33,500**	**32,500**	**28.9**	**940,800**	**4,986,100**
Berks	7,800	7,600	38.0	288,800	1,530,600
Bucks	17,700	17,200	33.0	567,600	3,008,300
Chester	13,400	13,000	41.0	533,000	2,824,900
Delaware	300	300	39.0	11,700	62,000
Lancaster	10,900	10,500	38.0	399,000	2,114,700
Lebanon	8,500	8,300	33.0	273,900	1,451,600
Montgomery	9,000	8,700	33.0	287,100	1,521,600
Philadelphia	-	-	-	-	-
SOUTHEASTERN, TOTAL	67,600	65,600	36.0	2,361,100	12,513,700
PENNSYLVANIA	**170,000**	**165,000**	**34.0**	**5,610,000**	**29,733,000**

POTATO SUMMARY - 1987

BY BLAIR L. SMITH

POTATO ACREAGE UNCHANGED: Pennsylvania growers planted 22,000 acres in 1987, the same as a year ago. Harvested acreage also remained the same at 21,500. Average yield per acre declined 20 cwt. from the year before to 220 cwt. Total production was 4,730,000 cwt., 8 percent less than the previous year. Acres entered for certified seed potatoes were 284 acres compared with 327 acres in 1986.

The season average price for the 1987 crop is estimated at $6.70 per cwt. compared with $6.80 in 1986.

MAJOR VARIETIES: The four major varieties planted in 1987, as measured by the objective yield survey were: Norchip (24.1 percent), Atlantic (16.1 percent), Superior (14.0 percent), and Katahdin (13.7 percent). These four varieties accounted for 67.9 percent of the potatoes planted in 1987.

POTATO STOCKS: Potato stocks for all purposes held in storage by growers, local dealers, and processors during the 1987-88 storage season were lower for all months from the previous year. Stocks held by processors included potatoes produced in other states. Processor stocks as a percent of total held in storage were: December, 36 percent; January, 43 percent; February, 49 percent; March, 52 percent; April, 52 percent; and May, 26 percent.

PENNSYLVANIA: ACREAGE, YIELD, PRODUCTION, AND VALUE OF POTATOES, 1960-1987

Year	Planted Acreage	Harvested Acreage	Yield Per Acre	Production	Season Average Price	Value Of Production	Value Of Sales
	Acres		Cwt.		Dollars		
1960	41,000	40,000	192	7,680,000	2.34	17,971,000	15,575,000
1965	38,000	38,000	198	7,524,000	2.87	21,594,000	19,447,000
1970	35,000	34,500	240	8,280,000	2.65	21,942,000	19,528,000
1975	31,000	29,000	235	6,815,000	5.75	39,186,000	35,104,000
1980	23,000	22,000	190	4,180,000	7.90	33,022,000	29,807,000
1984	22,000	21,500	240	5,160,000	6.35	33,540,000	29,985,000
1985	22,500	22,000	260	5,720,000	4.55	26,026,000	23,296,000
1986	22,000	21,500	240	5,160,000	6.80	35,088,000	32,640,000
1987	22,000	21,500	220	4,730,000	6.70 1/	31,691,000	-

1/ Preliminary.

PENNSYLVANIA: POTATO PRODUCTION AND FARM DISPOSITION, CROPS OF 1960-1986 1/

Crop Year	Production	Total Used For Seed	Used On Farms Where Grown		Sold
			For Seed, Feed, and Household Use	Shrinkage and Loss	
	1,000 Cwt.				
1960	7,680	695	409	615	6,656
1965	7,524	663	282	466	6,776
1970	8,280	621	249	662	7,369
1975	6,815	522	204	506	6,105
1980	4,180	396	135	272	3,773
1984	5,160	405	103	335	4,722
1985	5,720	374	114	486	5,120
1986	5,160	418	102	258	4,800

1/ 1987 Disposition data is not available until late September.

PENNSYLVANIA: POTATO PRODUCTION AND STOCKS DURING MARKETING MONTHS, CROPS OF 1960-1987

Crop Year	Production	December 1	Following Year				
			January 1	February 1	March 1	April 1	May 1
		1,000 Cwt.					
1960	7,680	4,750	3,650	2,600	1,600	-	-
1965	7,524	4,500	3,400	2,350	1,500	-	-
1970	8,280	4,650	3,900	2,750	1,800	-	-
1975	6,815	3,660	2,780	1,870	1,300	650	-
1980	4,180	3,300	2,600	1,900	1,250	900	200
1984	5,160	4,050	3,100	2,370	1,560	940	390
1985	5,720	4,025	3,350	2,610	1,840	1,300	610
1986	5,160	3,400	2,800	2,100	1,400	1,000	400
1987	4,730	3,070	2,400	1,800	1,340	830	380

PENNSYLVANIA: POTATOES - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County & District	Planted	Harvested	Yield	Production	Value of Production
	Acres	Acres	Cwt.	Cwt.	Dollars
Adams	180	170	240.0	40,800	273,360
Armstrong	70	70	210.0	14,700	98,490
Berks	100	100	180.0	18,000	120,600
Bucks	70	70	230.0	16,100	107,870
Butler	320	310	260.0	80,600	540,020
Cambria	3,200	3,100	180.0	558,000	3,738,600
Carbon	170	160	190.0	30,400	203,680
Centre	90	90	320.0	28,800	192,960
Chester	450	430	210.0	90,300	605,010
Clarion	230	220	210.0	46,200	309,540
Clearfield	70	70	270.0	18,900	126,630
Clinton	100	100	270.0	27,000	180,900
Columbia	470	450	300.0	135,000	904,500
Crawford	400	390	220.0	85,800	574,860
Dauphin	80	80	240.0	19,200	128,640
Erie	3,300	3,270	240.0	784,800	5,258,160
Franklin	120	120	270.0	32,400	217,080
Indiana	190	180	260.0	46,800	313,560
Juniata	90	90	140.0	12,600	84,420
Lackawanna	60	60	270.0	16,200	108,540
Lancaster	1,800	1,760	220.0	391,600	2,623,720
Lehigh	1,400	1,370	180.0	246,600	1,652,220
Luzerne	660	640	190.0	121,600	814,720
Lycoming	230	220	270.0	59,400	397,980
Mercer	250	240	260.0	62,400	418,080
Northampton	380	370	210.0	77,700	520,590
Northumberland	130	130	210.0	27,300	182,910
Potter	1,600	1,570	280.0	439,600	2,945,320
Schuylkill	1,540	1,500	230.0	345,000	2,311,500
Somerset	1,030	1,000	220.0	220,000	1,474,000
Sullivan	80	80	190.0	15,200	101,840
Tioga	100	100	200.0	20,000	134,000
Warren	300	280	190.0	53,200	356,440
York	2,090	2,040	200.0	408,000	2,733,600
OTHER COUNTIES 1/	650	650	215.1	139,800	936,660
PENNSYLVANIA	22,000	21,500	220.0	4,730,000	31,691,000

1/ Counties with 50 or less acres harvested.

PENNSYLVANIA: TOBACCO - ACREAGE, YIELD, PRODUCTION AND VALUE - 1987

County	Harvested	Yield	Production	Value of Production
	Acres	Pounds	Pounds	Dollars
Berks	190	1,817	345,200	251,006
Centre	10	1,860	18,600	13,392
Chester	220	1,810	398,200	291,772
Cumberland	20	1,830	36,600	28,956
Dauphin	20	1,860	37,200	26,784
Franklin	10	1,810	18,100	13,032
Lancaster	10,010	1,887	18,886,300	14,603,056
Lebanon	300	1,818	545,500	405,780
Lycoming	20	1,890	37,800	27,216
Montgomery	10	1,800	18,000	12,960
Montour	20	1,885	37,700	29,790
Northumberland	10	1,920	19,200	13,824
Snyder	30	1,853	55,600	42,664
Union	20	1,850	37,000	29,286
York	110	1,900	209,000	150,480
PENNSYLVANIA	**11,000**	**1,882**	**20,700,000**	**15,940,000**

PENNSYLVANIA: TOBACCO ACREAGE, YIELD, PRODUCTION AND VALUE, 1960-1987

County	Acreage	Yield	Production	Value Of Production
	Acres	Pounds	1,000 Lbs.	1,000 Dols.
1960	31,000	1,700	52,700	14,756
1965	27,000	1,900	51,300	12,312
1970	17,000	1,800	30,600	9,486
1975	12,000	1,650	19,800	11,484
1976	13,500	1,750	23,625	14,175
1977	13,500	1,940	26,190	15,714
1978	13,000	1,940	25,220	15,636
1979	11,200	1,580	17,696	12,741
1980	13,000	1,900	24,700	21,489
1981	13,300	2,050	27,265	21,812
1982 1/	13,000	1,991	25,885	20,466
1983	12,000	1,832	21,985	20,724
1984	12,000	1,864	22,370	20,984
1985	11,500	1,904	21,900	18,321
1986	11,000	1,985	21,830	14,673
1987 Total	11,000	1,882	20,700	15,940
Pennsylvania Type	7,000	1,900	13,300	9,576
Maryland Type	4,000	1,850	7,400	6,364

1/ Beginning in 1982 includes Pennsylvania and Maryland Types.

PENNSYLVANIA: TOBACCO PRODUCTION, STOCKS, SUPPLIES, DISAPPEARANCE AND PRICES, 1960-1987 1/

Crop Year	Supply			Total Disappearance	Average Price
	Production	Beginning Stocks	Total Supply		
	Million Pounds				Cents
1960	52.7	109.7	162.4	47.5	28.0
1965	51.3	129.4	180.7	53.0	24.0
1970	30.6	97.3	127.9	40.9	31.0
1975	19.8	49.2	69.0	22.2	58.0
1976	23.6	46.8	70.4	20.7	60.0
1977	26.2	49.7	75.9	21.8	60.0
1978	25.2	54.1	79.3	23.6	62.0
1979	17.7	55.7	73.4	24.3	72.0
1980	24.7	49.1	73.8	21.7	87.0
1981	27.3	52.1	79.4	27.1	80.0
1982	21.4	52.3	73.7	19.6	73.0
1983	14.2	54.1	68.3	20.3	83.0
1984	14.6	48.0	62.6	20.1	90.0
1985	15.6	42.5	58.1	16.4	71.0
1986	15.2	41.7	56.9	24.8	66.0
1987 2/	13.3	32.1	45.4	20.0	72.0

1/ Pennsylvania type 41 only. Source: USDA, Agricultural Marketing Service and Economic Research Service. 2/ Estimated disappearance.

PENNSYLVANIA: SUMMARY - PRINCIPAL CROPS, HARVESTED BY COUNTIES, 1987

County & District	Field & Forage Crops		Vegetable Crops (Fresh & Proc.)		Fruit	Value of Production Field Crops Vegetables & Fruits
	Acres Harvested	Value of Production	Acres Harvested	Value of Production	Value of Production	
	Acres	Thous. Dols.	Acres	Thous. Dols.	Thous. Dols.	Thous. Dols.
Crawford	108,700	23,131	742	803	73	24,007
Erie	67,700	14,947	5,795	7,463	14,983	37,393
Forest	2,800	535	4	4	—	539
Mercer	77,800	16,265	541	839	53	17,157
Venango	20,800	4,344	73	57	45	4,446
Warren	25,200	5,226	356	392	53	5,671
NORTHWESTERN, TOTAL	**303,000**	**64,448**	**7,511**	**9,558**	**15,207**	**89,213**
Bradford	164,800	37,722	264	264	105	38,091
Cameron	1,100	202	7	2	—	204
Clinton	25,400	5,879	366	649	34	6,562
Elk	6,900	1,490	23	9	—	1,499
Lycoming	75,600	14,947	595	734	212	15,693
McKean	12,400	2,377	17	2	—	2,379
Potter	41,100	8,688	1,613	2,973	—	11,661
Sullivan	16,400	3,489	87	104	—	3,593
Tioga	107,900	20,038	140	161	5	20,204
NORTH CENTRAL, TOTAL	**451,600**	**94,832**	**3,114**	**4,898**	**356**	**100,086**
Lackawanna	20,600	4,259	1,395	2,441	11	6,711
Susquehanna	77,100	19,798	98	72	36	19,906
Wayne	56,200	10,530	54	46	8	10,584
Wyoming	29,600	6,797	211	284	138	7,219
NORTHEASTERN, TOTAL	**183,500**	**41,384**	**1,758**	**2,843**	**193**	**44,420**
Armstrong	56,300	11,067	237	217	174	11,458
Beaver	24,600	5,308	232	198	150	5,656
Butler	72,400	16,208	1,007	1,246	—	17,454
Clarion	41,000	9,408	313	385	49	9,842
Indiana	76,400	15,739	516	725	109	16,573
Jefferson	41,100	7,726	156	143	4	7,873
Lawrence	51,800	12,575	141	126	113	12,814
WEST CENTRAL, TOTAL	**363,600**	**78,031**	**2,602**	**3,040**	**599**	**81,670**
Blair	55,800	14,224	494	381	668	15,273
Cambria	41,100	8,706	3,263	3,866	35	12,607
Centre	81,500	19,557	1,306	659	196	20,412
Clearfield	29,300	5,179	126	155	57	5,391
Columbia	71,200	13,437	2,075	1,992	642	16,071
Dauphin	72,900	11,761	551	774	551	13,086
Huntingdon	63,100	13,835	145	93	148	14,076
Juniata	45,100	8,901	191	159	1,369	10,429
Mifflin	48,800	12,139	136	160	243	12,542
Montour	26,200	5,449	473	323	47	5,819
Northumberland	74,300	12,852	1,594	1,239	475	14,566
Perry	63,300	10,271	125	67	129	10,467
Snyder	61,500	11,953	584	877	1,057	13,887
Union	46,400	9,169	300	377	46	9,592
CENTRAL, TOTAL	**780,500**	**157,433**	**11,363**	**11,142**	**5,663**	**174,238**
Carbon	10,400	1,932	355	350	75	2,357
Lehigh	66,900	13,840	1,785	2,010	3,024	18,874
Luzerne	28,600	5,471	2,292	3,069	168	8,708
Monroe	15,600	3,341	143	109	—	3,450
Northampton	75,800	18,244	873	894	866	20,004
Pike	1,900	332	67	162	—	494
Schuylkill	54,200	8,652	2,797	3,844	609	13,105
EAST CENTRAL, TOTAL	**253,600**	**51,812**	**8,312**	**10,438**	**4,742**	**66,992**
Allegheny	12,900	2,218	513	582	1,501	4,301
Fayette	49,000	9,363	306	172	—	9,535
Greene	42,200	7,023	86	75	1	7,099
Somerset	107,900	20,442	1,608	1,795	107	22,344
Washington	83,100	15,919	520	660	326	16,905
Westmoreland	82,100	15,680	697	515	131	16,326
SOUTHWESTERN, TOTAL	**377,200**	**70,845**	**3,730**	**3,799**	**2,066**	**76,710**
Adams	103,700	15,848	918	873	24,784	41,505
Bedford	106,200	22,324	193	140	609	23,073
Cumberland	119,500	18,890	443	390	1,018	20,298
Franklin	158,100	32,913	557	643	8,769	42,325
Fulton	38,600	6,852	38	30	—	6,882
York	195,100	33,161	5,134	4,265	4,496	41,942
SOUTH CENTRAL, TOTAL	**721,200**	**129,988**	**7,283**	**6,361**	**39,676**	**176,025**
Berks	178,500	40,836	954	710	1,881	43,427
Bucks	70,600	13,559	2,604	3,036	427	17,022
Chester	129,600	34,063	852	935	637	35,635
Delaware	3,500	786	78	41	118	945
Lancaster	315,100	101,635	4,334	6,019	1,641	109,295
Lebanon	91,800	19,270	594	806	222	20,298
Montgomery	45,600	8,594	608	410	204	9,206
Philadelphia	—	—	—	—	—	—
SOUTHEASTERN, TOTAL	**834,700**	**218,743**	**10,024**	**11,957**	**5,130**	**235,830**
PENNSYLVANIA	**4,268,900**	**907,516**	**55,697**	**64,036**	**73,632**	**1,045,184**

CROP AND WEATHER SUMMARY - DATES OF FIRST AND LAST FROST, SELECTED PENNSYLVANIA STATIONS, 1987 AND NORMAL

Area & Station	County	Last Spring Minimum Of 32° F.			First Fall Minimum Of 32° F.		
		1987		Normal	1987		Normal
		Date	Low Temp. Degrees F.	Date	Date	Low Temp. Degrees F.	Late
Pocono Mountains:							
Stroudsburg	Monroe	April 30	32	May 09	October 05	32	September 29
East Central Mountains:							
Allentown	Lehigh	April [illegible]	29	May 05	October 14	30	October 09
South East Piedmont:							
Lancaster	Lancaster	April 27	32	May 03	October 09	32	October 10
Lower Susquehanna:							
York	York	May 05	32	April 30	October 09	30	October 09
Middle Susquehanna:							
Williamsport	Lycoming	May 01	30	May 02	October 09	32	October 11
Upper Susquehanna:							
Montrose	Susquehanna	May 01	28	May 15	MSG		October 03
Wellsboro	Tioga	May 04	32	May 22	October 04	30	September 25
Central Mountains:							
Ridgway	Elk	May 10	32	May 26	October 04	29	September 24
State College	Centre	April 04	31	April 27	October 09	26	October 12
South Central Mountains:							
Altoona	Blair	May 05	32	May 08	October 09	27	October 08
Ebensburg	Cambria	May 16	31	May 15	September 26	31	October 03
South West Plateau:							
Butler	Butler	May 06	32	May 18	October 09	32	October 02
Donora	Washington	April 29	32	April 21	October 09	30	October 28
Uniontown	Fayette	May 08	32	April 29	October 09	27	October 15
North West Plateau:							
Brookville	Jefferson	May 09	31	May 25	October 04	30	September 23
Corry	Erie	May 13	31	May 24	October 04	28	September 25
Franklin	Venango	May 09	31	May 13	October 14	31	October 06

MSG=MISSING

PENNSYLVANIA - FIELDWORK AND CROP DEVELOPMENT, SELECTED DATES 1984-1987
Data As Reported - Pennsylvania Weekly Crop and Weather Survey State Average

Date	Oats % Planted				Barley % In Boot				Wheat % In Boot			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
April 20	-	45	55	49	-	-	-	-	-	-	-	-
25	17	60	68	64	-	-	-	5	-	-	-	3
30	30	76	80	73	-	15	7	20	-	9	2	8
May 05	48	90	88	80	13	18	14	28	-	16	4	14
10	59	94	91	87	15	30	20	26	-	28	9	21
15	70	97	96	93	21	30	30	20	8	38	26	31
20	82	-	99	96	33	22	35	16	20	40	39	35
25	86	-	-	97	31	12	31	12	29	22	42	32
30	88	-	-	99	20	4	20	12	36	10	26	26

Date	Spring Plowing % Complete				Potatoes % Planted				Corn % Planted			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
April 20	-	-	57	38	-	17	14	27	-	-	5	4
25	14	52	60	56	4	32	23	41	-	5	8	8
30	20	64	68	64	8	49	36	53	-	13	12	13
May 05	37	77	78	72	17	65	52	61	-	27	22	21
10	46	83	84	80	32	74	66	67	10	45	40	34
15	54	89	89	87	50	83	78	77	17	62	59	51
20	66	94	93	90	65	91	85	81	32	76	73	66
25	74	97	95	91	72	95	89	83	46	85	81	76
30	78	99	96	93	76	98	94	87	54	91	88	81
June 05	-	-	-	96	-	-	-	92	60	96	94	90

Date	Oats % In Head				Barley % Turning Yellow				Corn Average Height - Inches			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
June 10	6	76	99	90	9	36	36	37	3	8	9	8
15	27	10	100	95	34	43	45	43	6	12	12	11
20	46	15	100	88	47	40	36	33	8	15	17	14
25	63	24	92	82	50	37	32	24	10	19	22	20
30	73	35	76	74	49	34	30	17	12	24	27	26
July 05	56	62	50	57	32	21	22	15	16	29	33	33
10	64	47	37	44	19	13	16	13	21	35	40	43
15	68	36	28	33	19	8	10	10	28	43	47	53
20	52	32	17	24	11	3	3	8	36	50	55	60
25	39	18	10	11	7	-	-	6	46	57	61	68
30	26	4	-	4	-	-	-	3	55	63	67	73

Date	Oats % Harvested				Tobacco % Harvested				Corn % In Silk Or Past			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
July 25	6	16	18	28	-	-	-	-	-	24	40	57
30	21	32	34	41	-	-	-	-	-	42	59	71
Aug. 05	36	60	56	61	-	-	-	-	44	60	80	83
10	50	76	78	82	-	-	-	4	70	76	92	90
15	58	80	86	87	-	12	-	12	87	88	98	94
20	69	82	92	92	12	24	16	23	94	94	-	98
25	82	85	96	96	14	32	34	36	95	96	-	-
30	94	91	99	98	36	50	50	50	-	-	-	-
Sep. 05	96	96	-	-	58	62	56	64	-	-	-	-
10	-	-	-	-	70	71	70	72	-	-	-	-
15	-	-	-	-	84	83	86	78	-	-	-	-
20	-	-	-	-	94	94	96	85	-	-	-	-
25	-	-	-	-	100	-	-	95	-	-	-	-

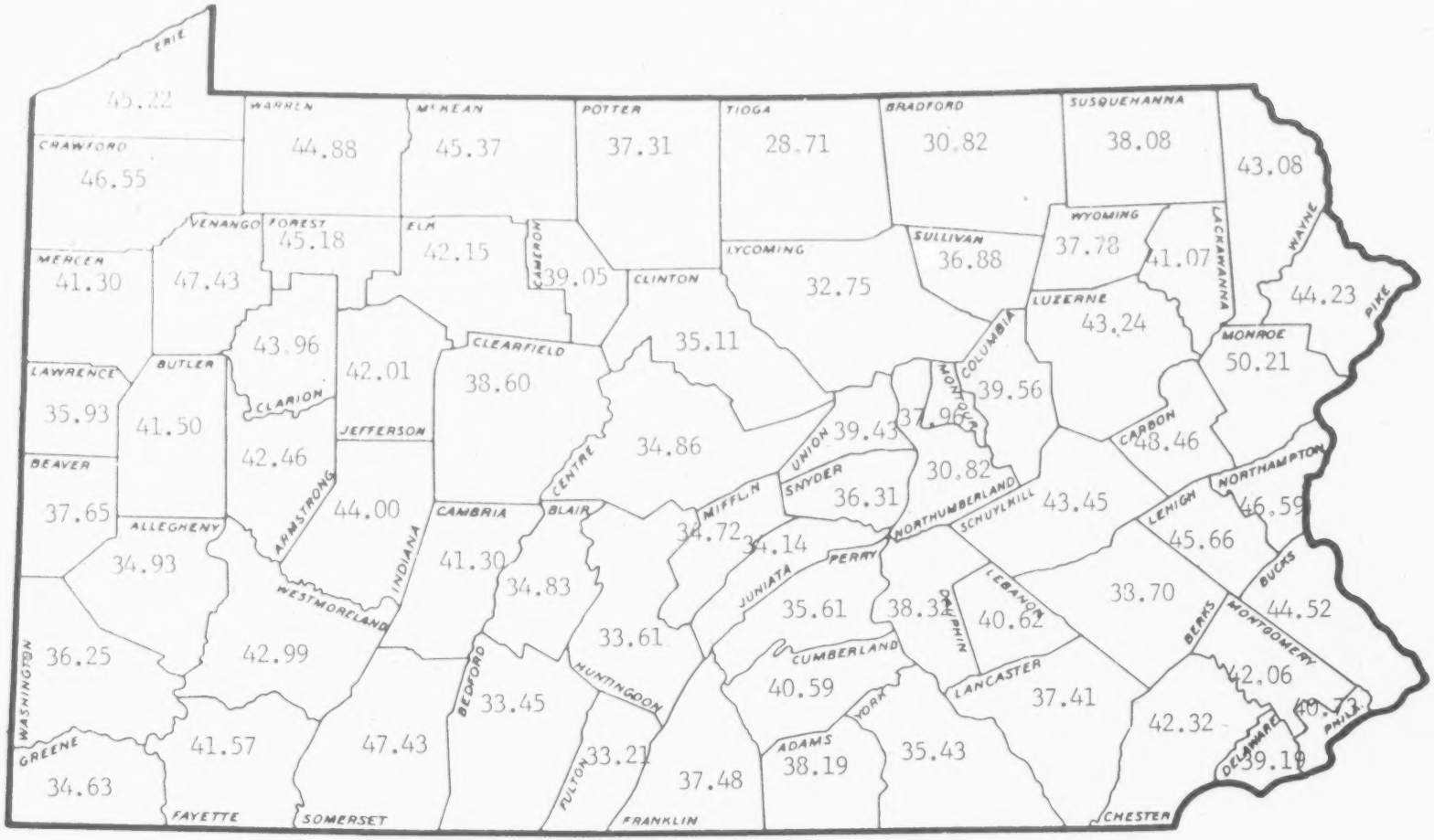
Date	Fall Plowing % Complete				Potatoes % Harvested				Corn % In Dough Or Past			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
Aug. 10	-	15	-	11	8	26	20	14	14	23	27	41
15	14	20	11	14	10	31	28	20	25	37	52	60
20	16	23	20	21	13	35	36	25	37	50	70	70
25	18	27	29	29	18	39	42	29	54	61	80	79
30	24	36	33	33	24	46	45	33	67	71	86	87
Sep. 05	32	43	40	37	32	55	56	39	82	82	94	94
10	42	47	52	40	43	62	66	45	88	92	98	98
15	51	51	60	44	51	72	74	46	95	96	-	-
20	59	58	64	48	55	75	78	50	-	-	-	-
25	67	66	68	54	61	78	80	60	-	-	-	-
30	74	72	74	61	73	82	82	66	-	-	-	-
Oct. 05	77	74	82	68	78	87	85	71	-	-	-	-
10	80	82	84	74	82	89	87	76	-	-	-	-
15	81	90	88	82	88	92	90	78	-	-	-	-

Date	Wheat % Planted				Barley % Planted				Corn % Harvested			
	1984	1985	1986	1987	1984	1985	1986	1987	1984	1985	1986	1987
Sep. 10	22	15	24	24	22	17	21	27	-	-	-	1
15	34	16	31	26	36	20	25	32	-	-	-	2
20	40	24	34	28	44	33	29	42	-	2	2	4
25	45	32	38	30	54	44	46	44	-	4	6	5
30	52	42	44	34	68	55	64	54	-	9	10	8
Oct. 05	68	48	54	41	76	71	79	70	-	13	13	11
10	76	62	66	56	84	81	88	84	6	15	17	19
15	78	75	76	64	90	89	92	88	10	20	21	25
20	84	82	83	73	96	95	94	91	15	27	26	31
25	88	88	89	85	-	-	-	94	19	31	39	39
30	92	93	95	89	-	-	-	96	24	42	47	50
Nov. 05	96	-	-	92	-	-	-	-	29	52	57	61
10	-	-	-	95	-	-	-	-	42	57	66	70

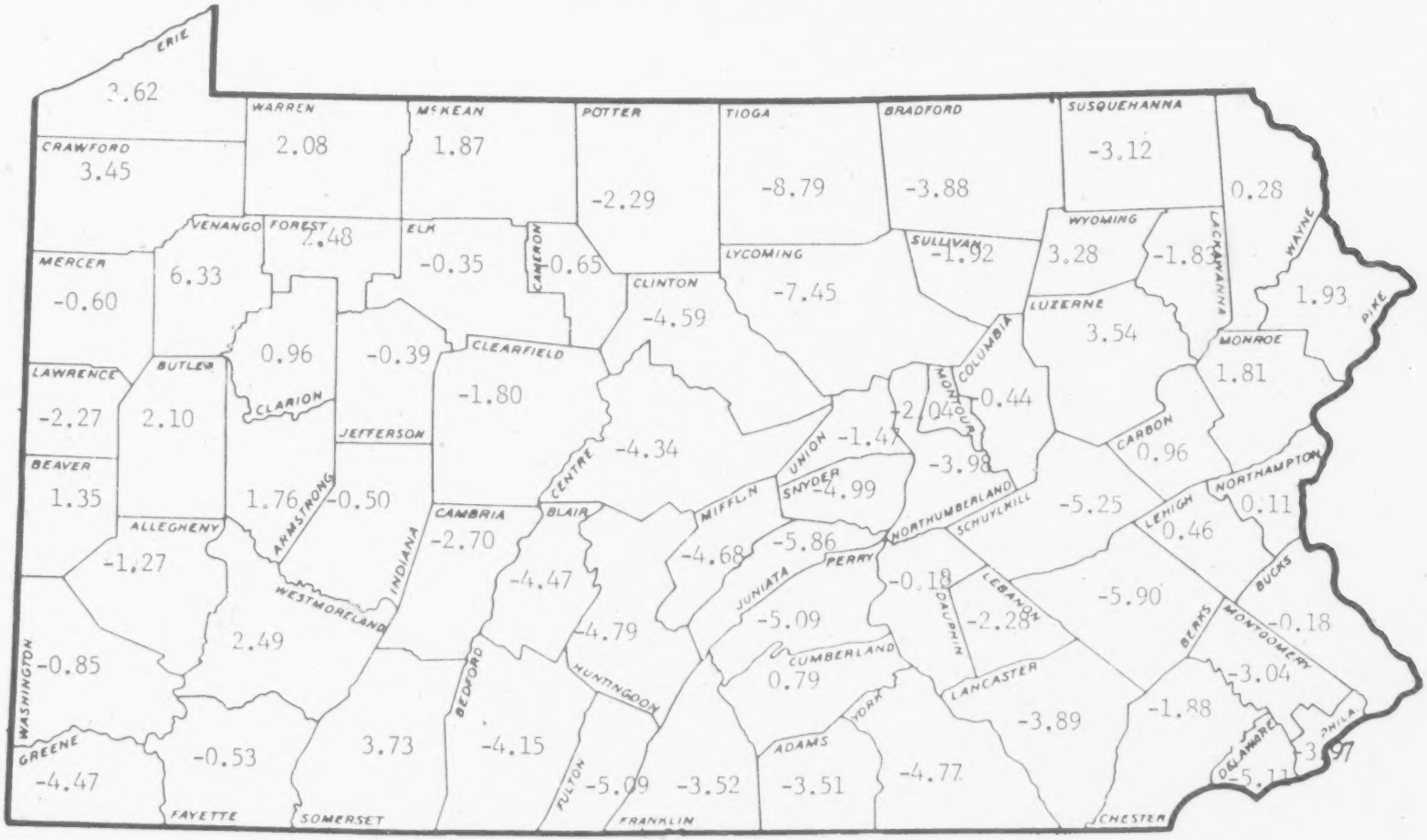
PENNSYLVANIA: TEMPERATURE, PRECIPITATION AND SNOWFALL, 1987, BY NATIONAL WEATHER SERVICE

Division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
POCONO MOUNTAINS:												
Av. Temp.—Degrees	21.20	22.40	35.20	46.70	56.40	65.40	70.20	65.00	58.70	44.90	39.00	30.30
Departure From Normal	-2.10	-2.40	1.40	.60	.10	.50	.90	-2.80	-1.90	-5.00	-.10	2.50
Precip. - Inches	3.72	.60	1.95	6.16	2.02	2.49	6.09	5.08	6.92	3.57	3.57	1.53
Departure From Normal	.65	-2.12	-1.54	2.36	-1.75	-1.36	2.19	.88	4.92	.03	-.21	-1.92
Snowfall - Inches	37.80	6.40	2.50	.60	.00	.00	.00	.00	.00	.00	6.20	5.50
EAST CENTRAL MOUNTAINS:												
Av. Temp.—Degrees	26.50	28.80	41.10	50.10	61.60	70.10	73.80	70.50	63.30	48.70	43.60	34.40
Departure From Normal	.20	.80	4.00	1.30	2.90	2.50	1.60	.00	.00	-3.40	2.20	3.80
Preci. - Inches	2.76	.82	2.22	4.68	2.38	3.69	6.53	5.26	10.46	2.69	3.94	1.39
Departure From Normal	-.52	-2.02	-1.58	.80	-1.48	-.04	2.17	.84	6.29	-.74	.06	-2.25
Snowfall - Inches	21.90	9.60	1.10	.00	.00	.00	.00	.00	.00	.00	3.70	2.20
SOUTHEAST PIEDMONT:												
Av. Temp.—Degrees	29.20	30.40	43.20	51.50	62.50	72.00	76.80	71.80	65.30	49.40	44.50	36.10
Departure From Normal	-.70	-1.40	2.60	-.30	1.00	1.60	1.90	-1.70	-1.30	-5.80	.00	2.10
Precip. - Inches	4.19	1.16	1.61	3.64	3.31	2.34	4.21	3.73	7.19	2.89	3.77	1.83
Departure From Normal	.94	-1.62	-1.96	-.09	-.30	-1.51	.05	-.38	3.40	-.19	.23	-1.71
Snowfall - Inches	19.80	10.80	.90	.00	.00	.00	.00	.00	.00	.00	3.80	2.60
LOWER SUSQUEHANNA:												
Av. Temp.—Degrees	28.50	31.10	42.50	50.70	62.50	72.30	77.20	73.00	65.40	48.80	44.20	36.20
Departure From Normal	-.60	.10	2.30	-1.00	1.20	2.30	2.80	-.10	-.70	-5.50	.80	3.20
Precip. - Inches	3.34	1.26	1.63	3.62	3.46	3.13	2.68	2.34	7.77	2.20	3.99	1.99
Departure From Normal	.38	-1.39	-2.07	.02	-.18	-.84	-.67	-1.25	4.11	-.78	.79	-1.20
Snowfall - Inches	28.60	11.70	1.00	1.20	.00	.00	.00	.00	.00	.00	10.60	2.80
MIDDLE SUSQUEHANNA:												
Av. Temp.—Degrees	26.00	28.20	41.20	51.70	61.10	70.30	75.30	70.30	63.10	48.00	42.00	34.20
Departure From Normal	-.30	.20	3.90	2.50	2.10	2.50	3.20	-.30	-.40	-4.00	.80	3.80
Precip. - Inches	2.77	.66	1.81	3.39	3.10	2.42	3.79	4.34	5.72	2.46	3.32	1.72
Departure From Normal	.06	-1.83	-1.60	.04	-.68	-1.51	.09	.79	2.01	-.64	-.06	-1.27
Snowfall - Inches	29.30	5.40	1.40	.00	.00	.00	.00	.00	.00	.00	7.40	3.60
UPPER SUSQUEHANNA:												
Av. Temp.—Degrees	21.80	21.40	36.20	47.50	56.60	65.60	70.40	65.40	59.50	44.50	38.60	30.40
Departure From Normal	-.60	-2.00	3.70	2.70	1.60	1.80	2.20	-1.10	.00	-4.30	.50	3.50
Precip. - Inches	2.89	.52	1.49	4.86	2.03	4.62	4.07	2.92	3.54	2.51	2.40	1.86
Departure From Normal	.46	-1.72	-1.41	1.78	-1.34	1.02	.56	-.52	.00	.50	-.73	-.85
Snowfall - Inches	40.20	6.80	2.10	1.70	.00	.00	.00	.00	.00	.10	7.60	13.80
CENTRAL MOUNTAINS:												
Av. Temp.—Degrees	24.20	25.80	38.00	48.20	58.30	67.20	71.60	66.50	60.50	45.70	40.90	32.30
Departure From Normal	.70	-.90	3.80	2.00	2.00	2.40	2.70	-.10	-.20	-3.80	2.10	4.40
Precip. - Inches	2.45	.61	2.33	4.19	3.49	5.50	4.07	4.77	4.90	2.51	2.20	2.13
Departure From Normal	-.15	-1.82	-1.10	.81	-.29	1.46	.00	1.03	1.41	-.39	-.86	-.63
Snowfall - Inches	19.50	6.80	1.20	2.80	.00	.00	.00	.00	.00	.00	6.60	9.40
SOUTH CENTRAL MOUNTAINS:												
Av. Temp.—Degrees	25.60	28.60	39.60	48.40	60.10	69.30	73.30	69.00	62.20	46.40	42.50	33.10
Departure From Normal	-1.30	.10	2.10	-.90	1.30	2.30	2.30	-.80	-1.00	-5.40	1.20	2.20
Precip. - Inches	3.12	.79	2.37	5.53	3.64	3.57	3.33	4.81	5.04	1.83	2.61	2.43
Departure From Normal	.16	-1.87	-1.39	1.81	-.17	-.37	-.76	1.29	1.79	-1.08	-.44	-.55
Snowfall - Inches	28.40	8.30	6.20	4.10	.00	.00	.00	.00	.00	.00	11.50	10.10
SOUTHWEST PLATEAU:												
Av. Temp.—Degrees	26.40	29.50	39.80	48.50	60.90	69.10	73.60	69.90	63.10	46.20	43.90	33.90
Departure From Normal	-.30	.90	1.90	-.80	2.00	2.00	2.70	.10	-.30	-5.80	2.40	2.40
Precip. - Inches	2.77	.64	2.68	4.85	4.01	4.57	3.18	5.50	5.06	1.81	2.73	2.90
Departure From Normal	-.27	-1.96	-.97	1.10	.04	.30	-1.05	1.63	1.71	-1.02	-.04	-.03
Snowfall - Inches	16.70	2.20	4.00	8.60	.00	.00	.00	.00	.00	.00	5.10	6.60
NORTHWEST PLATEAU:												
Av. Temp.—Degrees	24.00	25.10	36.80	47.80	58.70	67.30	71.60	66.60	60.50	44.80	40.90	32.00
Departure From Normal	.40	.10	2.60	1.70	2.50	2.40	2.90	-.90	-.50	-5.40	1.50	3.50
Precip. - Inches	2.40	.48	3.70	3.55	2.95	6.79	4.68	6.80	6.60	2.90	2.74	2.91
Departure From Normal	-.48	-1.98	.32	-.16	-.80	2.56	.55	2.90	2.98	-.32	-.70	-.32
Snowfall - Inches	24.30	7.30	9.40	6.00	.00	.00	.00	.00	.00	.90	6.70	20.30

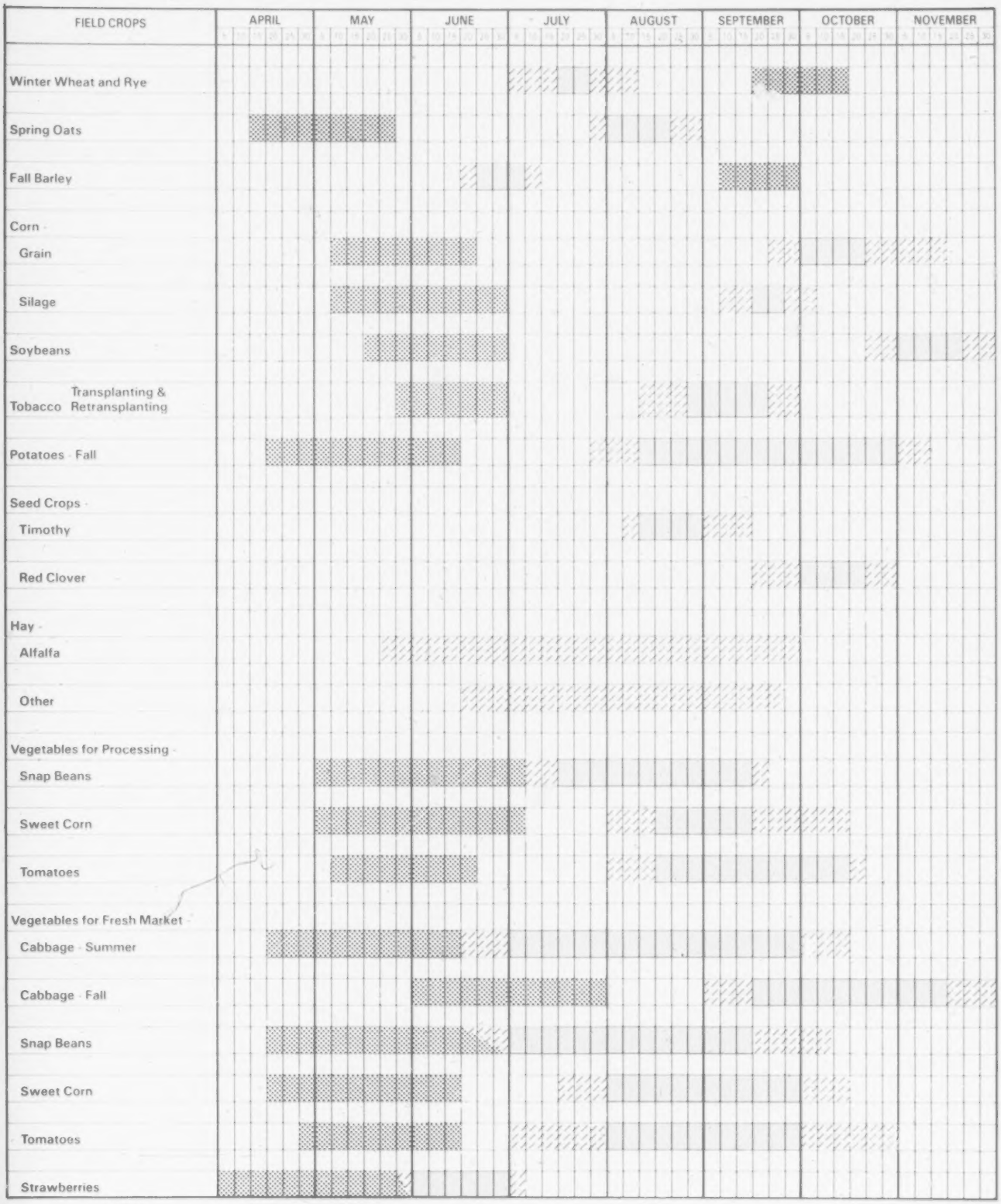
NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
AVERAGE COUNTY PRECIP FOR THE PERIOD 1/1/87 TO 12/31/87



NATIONAL WEATHER SERVICE
MIDDLE ATLANTIC RIVER FORECAST CENTER
DEVIATION FROM NORMAL PRECIP FOR THE PERIOD 1/1/87 TO 12/31/87



USUAL PLANTING AND HARVESTING DATES FOR PRINCIPAL PENNSYLVANIA FIELD AND VEGETABLE CROPS



FRUIT REVIEW - 1987

BY HERBERT D. TRICE

Fruit crops in Pennsylvania experienced some unfavorable weather conditions during the growing season. The average date of full bloom for various fruit crops was: apples, May 6; peaches, April 24; pears, May 3; sweet cherries, April 27; tart cherries, May 1 and grapes, June 18. Insect and disease problems were minimal to none.

The production of the Commonwealth's six major fruit crops (apples, peaches, pears, sweet cherries, tart cherries and grapes) total 341,000 tons in 1987, down 21 percent from the 430,000 tons in 1986.

APPLES: The 1987 Commercial apple crop in Pennsylvania totaled 460 million pounds down 26 percent from 620 million pounds in 1986. The crop was valued at 37.7 million dollars, down 27 percent from the 1986 value of 51.3 million dollars. Pennsylvania ranked fifth nationally in apple production.

PEACHES: Peach production in Pennsylvania totaled 85 million pounds in 1987, down 15 percent from the previous year's 100 million pounds. The season average price was 17.5 cents per pound compared to 18.2 cents per pound in 1986. The value of the Commonwealth's peach production was 14.9 million dollars, down 18 percent from 1986. Nationally, Pennsylvania ranked fourth in peach production.

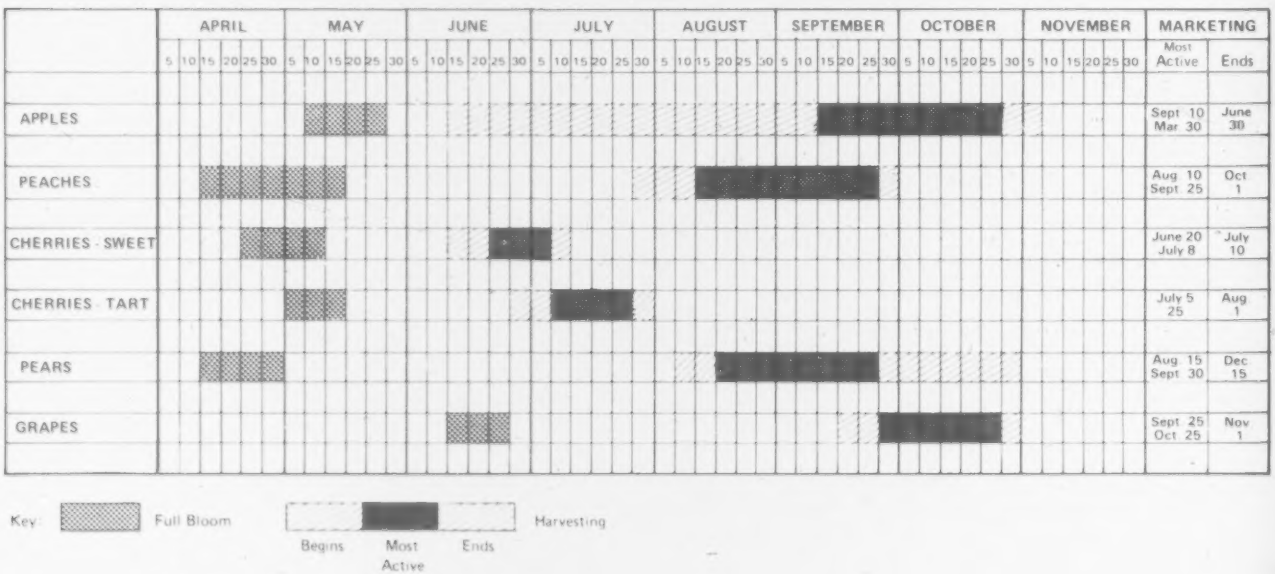
GRAPES: The 1987 grape crop in Pennsylvania totaled 62,000 tons, up 3 percent from 1986. The price per ton averaged 235 dollars in 1987, up 31 percent from the previous year. The total value was 14.7 million dollars, up 36 percent from a year earlier. Pennsylvania ranked fourth nationally in the production of grapes.

PEARS: The production of pears in Pennsylvania totaled 3,200 tons in 1987, down 600 tons from the 3,800 tons produced in 1986. The pear crop was valued at .82 million dollars down, 23 percent from the previous year's 1.2 million dollars. The Commonwealth ranked eighth nationally in 1987 pear production.

TART CHERRIES: Tart cherry production in Pennsylvania totaled 5 million pounds in 1987, down 68 percent from the 12 million pounds produced in 1986. The season average price was 16.4 cents per pound, compared with 25.3 cents per pound in 1986. Nationally, the Commonwealth ranked sixth in the production of tart cherries.

SWEET CHERRIES: The production of sweet cherries in the Commonwealth for 1987 was 600 tons, a decrease of 450 tons from 1986. The average price per ton was 740 dollars, compared with the previous year's price per ton of 1,270 dollars. Pennsylvania's crop for 1987 was valued at .74 million dollars, down 42 percent from the 1986 value of 1.3 million dollars. Nationally, Pennsylvania ranked ninth in sweet cherry production.

USUAL DATES OF FULL BLOOM, HARVEST AND MARKETING FOR PRINCIPAL PENNSYLVANIA FRUIT CROPS



PENNSYLVANIA: FRUIT CROPS - PRODUCTION, DISPOSITION AND VALUE, 1965-1987

Year	Production		Utilization					Price Per Unit 1/	Value Of Utilized Production
			Fresh	Processed					
	Total	Utilized		Canned	Juice	Other	All Processed		
				APPLES (MILLION LBS.)				$/Lb.	Thous. Dols.
1965	500.0	493.4	133.4	290.4	2/	69.6	360.0	.033	16,430
1970	540.0	510.0	195.0	225.1	78.9	11.0	315.0	.038	19,329
1975	550.0	503.5	228.2	201.5	62.2	11.6	275.3	.059	29,707
1980	570.0	570.0	207.8	193.1	161.9	7.2	326.2	.075	42,734
1983	500.0	500.0	175.0	201.1	116.9	7.0	325.0	.085	42,425
1984	575.0	575.0	207.0	228.2	132.2	7.6	368.0	.092	52,877
1985	585.0	585.0	210.0	234.1	136.1	4.8	375.0	.094	54,810
1986	620.0	620.0	136.0	319.4	155.0	9.6	484.0	.083	51,252
1987	460.0	460.0	157.0	181.2	116.0	5.8	303.0	.090	41,201
				PEACHES (MILLION LBS.)					
1965	110.4	105.1	88.5	-	-	-	16.6	.052	5,413
1970	84.0	84.0	74.0	-	-	-	10.0	.077	6,468
1975	90.0	90.0	83.4	-	-	-	6.6	.122	10,980
1980	105.0	105.0	94.9	9.4	-	.7	10.1	.145	15,225
1983	94.0	94.0	82.5	10.9	-	.6	11.5	.168	15,834
1984	85.0	85.0	78.5	6.1	-	.4	6.5	.193	16,402
1985	40.0	37.4	33.9	3.1	-	.4	3.5	.251	9,376
1986	100.0	100.0	93.0	3/	-	3/	7.0	.182	18,179
1987	85.0	85.0	78.0	3/	-	3/	7.0	.175	14,916
				PEARS (TONS)				$/Ton	
1965	3,300	3,300	-	-	-	-		141	465
1970	4,100	4,100	-	-	-	-	-	153	627
1975	4,500	4,500	-	-	-	-	-	216	972
1980	3,500	3,500	-	-	-	-	-	299	1,046
1983	2,700	2,700	-	-	-	-	-	285	770
1984	3,300	3,150	-	-	-	-	-	332	1,047
1985	2,600	2,600	-	-	-	-	-	320	833
1986	3,800	3,800	-	-	-	-	-	325	1,235
1987	3,200	3,050	-	-	-	-	-	270	822
				TART CHERRIES (MILLION LBS.)				$/Lb.	
1965	25.0	24.4	-	-	-	-	-	.056	1,366
1970	14.0	14.0	.5	5.5	-	-	13.5	.078	1,092
1975	12.6	11.5	1.1	6.8	-	-	10.4	.114	1,311
1980	5.6	5.6	.8	-	-	-	4.8	.275	1,540
1983	8.5	8.5	1.5	-	-	-	7.0	.473	4,020
1984	9.0	9.0	.9	-	-	-	8.1	.263	2,367
1985	6.0	6.0	.6	-	-	-	5.4	.268	1,608
1986	12.0	12.0	1.0	-	-	-	11.0	.253	3,040
1987	5.0	4.3	.8	-	-	-	3.5	.164	704
				SWEET CHERRIES (TONS)				$/Ton	
1965	1,200	1,180	-	-	-	-	-	306	361
1970	600	600	-	-	-	-	-	500	300
1975	860	860	-	-	-	-	-	730	628
1980	700	700	-	-	-	-	-	1,090	763
1983	800	750	-	-	-	-	-	1,460	1,095
1984	900	900	-	-	-	-	-	1,220	1,098
1985	500	500	-	-	-	-	-	1,310	655
1986	1,050	1,000	-	-	-	-	-	1,270	1,270
1987	600	500	-	-	-	-	-	1,480	740
				GRAPES (TONS)					
1965	49,000	45,000	2,500	-	-	-	42,500	131	5,895
1970	45,000	45,000	1,800	-	36,230	6,970	43,200	147	6,615
1975	48,000	48,000	1,660	-	39,250	7,090	46,340	168	8,064
1980	56,000	56,000	2,000	-	44,500	9,500	54,000	167	9,360
1983	62,500	62,500	1,000	-	55,500	6,000	61,500	170	10,646
1984	60,000	59,500	1,500	-	51,600	6,400	58,000	143	8,527
1985	50,000	50,000	900	-	44,200	4,900	49,100	148	7,378
1986	60,000	60,000	1,100	-	51,400	7,500	58,900	180	10,810
1987	62,500	62,500	1,100	-	53,900	7,500	61,400	235	14,718

1/ Fresh and processing prices combined. 2/ Juice included in "other." 3/ Data not published to avoid disclosure at individual operations.

PENNSYLVANIA: APPLES AND PEACHES - PRODUCTION AND VALUE, 1987

County & District	APPLES		PEACHES	
	Production	Value of Production	Production	Value of Production
	Pounds	Dollars	Pounds	Dollars
Crawford	679,000	60,800	-	-
Erie	7,766,000	695,600	262,000	46,000
Forest	1/	1/	-	-
Mercer	166,000	14,900	203,000	35,600
Venango	505,000	45,200	-	-
Warren	1/	1/	-	-
NORTHWESTERN, TOTAL	**9,116,000**	**816,500**	**465,000**	**81,600**
Bradford	904,000	81,000	73,000	12,800
Cameron	1/	1/	-	-
Clinton	377,000	33,800	-	-
Elk	1/	1/	-	-
Lycoming	1,665,000	149,100	149,000	26,100
McKean	1/	1/	-	-
Potter	1/	1/	-	-
Sullivan	1/	1/	-	-
Tioga	1/	1/	-	-
NORTH CENTRAL, TOTAL	**2,946,000**	**263,900**	**222,000**	**38,900**
Lackawanna	117,000	10,500	-	-
Susquehanna	385,000	34,500	-	-
Wayne	85,000	7,600	-	-
Wyoming	1,532,000	137,200	-	-
NORTHEASTERN, TOTAL	**2,119,000**	**189,800**	-	-
Armstrong	1,788,000	160,100	54,000	9,500
Beaver	1,337,000	119,700	110,000	19,300
Butler	1/	1/	1/	1/
Clarion	456,000	40,800	1/	1/
Indiana	1,179,000	105,600	6,000	1,100
Jefferson	1/	-	-	-
Lawrence	1,170,000	104,800	38,000	6,700
WEST CENTRAL, TOTAL	**5,930,000**	**531,000**	**208,000**	**36,600**
Blair	6,509,000	583,000	237,000	41,600
Cambria	365,000	32,700	-	-
Centre	2,049,000	183,500	1/	1/
Clearfield	623,000	55,800	-	-
Columbia	2,994,000	268,200	1,908,000	334,800
Dauphin	4,173,000	373,800	718,000	126,000
Huntingdon	1,301,000	116,500	156,000	27,400
Juniata	9,861,000	885,000	2,515,000	441,300
Mifflin	1,272,000	113,900	654,000	114,800
Montour	290,000	26,000	83,000	14,600
Northumberland	3,610,000	323,300	355,000	62,300
Perry	976,000	87,400	182,000	31,500
Snyder	8,251,000	739,000	1,606,000	281,800
Union	475,000	42,500	1/	1/
CENTRAL, TOTAL	**42,769,000**	**3,830,600**	**8,414,000**	**1,476,500**
Carbon	523,000	46,800	137,000	24,000
Lehigh	18,965,000	1,698,600	7,143,000	1,253,500
Luzerne	1,658,000	148,500	37,000	6,500
Monroe	1/	1/	-	1/
Northampton	4,612,000	413,100	2,337,000	410,100
Pike	1/	1/	-	-
Schuylkill	3,650,000	326,900	1,270,000	222,900
EAST CENTRAL, TOTAL	**29,408,000**	**2,633,900**	**10,924,000**	**1,917,000**
Allegheny	15,810,000	1,416,200	169,000	29,700
Fayette	2,000	200	-	-
Greene	13,000	1,100	-	-
Somerset	1,196,000	107,100	-	-
Washington	3,354,000	300,400	123,000	21,600
Westmoreland	1,203,000	107,700	123,000	21,600
SOUTHWESTERN, TOTAL	**21,578,000**	**1,932,700**	**415,000**	**72,900**
Adams	227,672,000	20,391,400	17,360,000	3,046,300
Bedford	6,029,000	539,400	207,000	36,300
Cumberland	9,976,000	895,300	352,000	61,800
Franklin	55,734,000	4,991,800	20,643,000	3,622,400
Fulton	1/	1/	-	-
York	17,979,000	1,610,300	14,524,000	2,548,700
SOUTH CENTRAL, TOTAL	**317,390,000**	**28,428,200**	**53,086,000**	**9,315,500**
Berks	13,150,000	1,177,600	3,472,000	609,300
Bucks	2,650,000	237,300	810,000	142,100
Chester	4,887,000	437,700	927,000	162,700
Delaware	305,000	27,300	480,000	84,200
Lancaster	5,788,000	518,400	4,472,000	784,800
Lebanon	1,005,000	90,100	638,000	112,000
Montgomery	959,000	85,860	467,000	81,900
Philadelphia	-	-	-	-
SOUTHEASTERN, TOTAL	**28,744,000**	**2,574,400**	**11,266,000**	**1,977,000**
PENNSYLVANIA	**460,000,000**	**41,201,000**	**85,000,000**	**14,916,000**

1/ Combined with other counties in the same district to avoid disclosure of individual operations.

COMMERCIAL VEGETABLE PRODUCTION - 1987

BY HERBERT D. TRICE

PENNSYLVANIA: Vegetable growers in Pennsylvania had below normal weather conditions throughout the growing season. These conditions contributed to lower production levels in 1987.

PRODUCTION: The production of both fresh market and processing vegetables was 126,800 tons, down 12 percent from last year. This includes sweet corn, tomatoes, and strawberries for fresh market and snapbeans, sweet corn, and tomatoes for processing. Fresh market production was up 2 percent but processing production was down 26 percent. Sweet corn production dropped 12 percent for fresh market and 9 percent for processing. Tomato production for fresh market was up 18 percent, but tomatoes for processing were down 42 percent from 1986. Strawberry production was up 15 percent from the previous year.

YIELD: Sweet corn yields were 4,800 pounds per acre for fresh market and 3.51 tons per acre for processing. Fresh market tomato yield at 160 cwt. per acre, was up 10 percent but processing tomato yield was 14.14 tons per acre, down 20 percent from the previous year. Strawberry yield increased in 1987 to 4,200 pounds per acre from 3,400 pounds per acre in 1986.

ACREAGE: Total harvested acreage for both fresh market and processing vegetables was down 4 percent at 31,800 acres. Fresh market acreage decreased 9 percent to 20,100 acres while processing acreage increased 7 percent to 11,700 acres.

VALUE: The combined value of both fresh and processing vegetables at $31,430,000 decreased 4 percent from 1986. The fresh market section totaled $26,084,000, down 3 percent. The processing total (at processing plant door) was $5,346,000, down 11 percent from a year ago. Fresh market prices per hundredweight were down for sweet corn, tomatoes and strawberries. Processing vegetable prices per ton were up for snapbeans and tomatoes, but down for sweet corn.

PENNSYLVANIA: TOTAL PRINCIPAL VEGETABLES, FRESH AND PROCESSING, 1970-1987

Year	Fresh				Processing				Total			
	Acreage		Production	Value	Acreage		Production	Value	Acreage		Production	Value
	Planted	Harvested			Planted	Harvested			Planted	Harvested		
			Thous. Cwt.	Thous. Dollars			Thous. Tons	Thous. Dollars			Thous. Cwt.	Thous. Dollars
1970.....	18,830	18,030	1,609	8,497	27,550	26,520	203	8,888	46,380	44,550	5,661	17,385
1971.....	18,470	17,670	1,614	9,474	27,600	26,700	169	7,753	46,090	44,390	4,996	17,227
1972.....	18,190	17,390	1,384	10,278	26,660	23,060	105	5,031	44,850	40,450	3,478	15,309
1973.....	18,120	17,620	1,342	10,643	24,110	23,160	133	6,942	42,230	40,780	4,002	17,585
1974.....	17,840	17,640	1,440	11,548	23,770	22,280	143	11,300	41,610	39,920	4,294	22,848
1975.....	19,630	18,930	1,783	14,367	23,440	22,170	147	11,577	43,070	41,100	4,721	25,944
1976.....	21,950	21,150	1,920	16,227	19,410	18,960	162	11,361	41,360	40,110	5,152	27,588
1977.....	25,970	23,470	2,036	17,358	18,770	17,770	145	10,210	44,740	41,240	4,930	27,568
1978.....	26,560	25,560	2,044	26,228	15,340	14,940	108	7,890	41,900	40,500	4,200	34,110
1979.....	27,800	26,300	1,951	25,276	15,400	14,630	98	7,574	43,200	40,930	3,909	32,850
1980.....	28,000	26,100	1,711	20,956	15,340	15,020	66	5,748	43,340	41,120	3,034	26,704
1981.....	26,700	25,600	2,189	28,355	16,300	15,800	108	10,243	43,000	41,400	4,349	38,598
1982 1/.....	22,200	21,300	1,574	26,347	16,400	15,700	114	10,905	38,600	37,000	3,854	37,252
1983 1/.....	22,900	21,300	1,291	25,153	13,700	13,200	99	8,907	36,600	34,500	3,271	34,060
1984 1/.....	22,900	22,100	1,977	30,782	12,700	11,800	91	8,683	35,600	33,900	3,797	39,465
1985 1/.....	22,200	21,000	1,861	28,486	11,900	11,400	56	8,156	34,100	32,400	3,585	36,642
1986 1/.....	23,100	22,200	1,454	26,779	11,400	10,900	72	5,951	34,500	33,100	2,894	32,730
1987 1/.....	22,500	20,100	1,476	26,084	13,000	11,700	53	5,346	35,500	31,800	2,536	31,430

1/ Fresh includes sweet corn, tomatoes and strawberries. Processing includes snap beans, sweet corn, and tomatoes.

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR FRESH MARKET, 1980-1987

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Farm value 1/	
						Per Cwt.	Total
				Cwt.	Thous. Cwt.	Dollars	Thous. Dollars
Sweet Corn.....	1980	17,500	16,100	48	773	11.50	8,890
	1981	16,600	15,800	55	869	12.40	10,776
	1982	16,600	15,800	55	869	12.80	11,123
	1983	16,800	15,300	44	673	14.30	9,624
	1984	16,600	15,900	73	1,161	12.40	14,396
	1985	15,900	14,800	71	1,051	12.40	13,032
	1986	17,300	16,600	48	797	15.20	12,114
	1987	16,600	14,300	49	701	14.50	10,165
Tomatoes.....	1980	3,900	3,800	120	456	13.40	6,110
	1981	3,700	3,600	160	576	14.70	8,467
	1982	3,800	3,700	170	629	14.90	9,372
	1983	4,300	4,200	130	546	17.80	9,719
	1984	4,600	4,500	170	765	16.00	12,240
	1985	4,900	4,800	160	768	15.60	11,981
	1986	4,400	4,200	145	609	17.20	10,475
	1987	4,600	4,500	160	720	15.80	11,376
Strawberries.....	1980	1,600	1,600	39	62	72.60	4,501
	1981	1,700	1,700	40	68	78.60	5,345
	1982	1,800	1,800	42	76	77.00	5,852
	1983	1,800	1,800	40	72	80.70	5,810
	1984	1,700	1,700	30	51	81.30	4,146
	1985	1,400	1,400	30	42	82.70	3,473
	1986	1,400	1,400	34	48	87.30	4,190
	1987	1,300	1,300	42	55	82.60	4,543

PENNSYLVANIA: PRINCIPAL VEGETABLES FOR PROCESSING, 1980-1987

Crop	Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Value At Processing Plant Door 1/	
						Per Ton	Total
				Tons	Tons	Dollars	Thous. Dollars
Snap Beans.....	1980	6,100	5,900	1.55	9,150	175.00	1,601
	1981	5,700	5,500	2.25	12,380	191.00	2,365
	1982	6,500	6,200	2.16	13,390	201.00	2,691
	1983	4,600	4,500	1.76	7,920	198.00	1,568
	1984	5,300	4,900	2.88	14,110	200.00	2,822
	1985	4,700	4,500	3.43	15,440	207.00	3,196
	1986	4,600	4,500	1.99	8,960	186.00	1,667
	1987	6,700	6,600	2.00	13,200	195.00	2,574
Sweet Corn.....	1980	4,100	4,000	3.54	14,160	49.10	695
	1981	4,200	4,100	3.21	13,160	66.10	870
	1982	4,800	4,500	3.61	16,250	58.00	943
	1983	4,100	3,700	2.48	9,180	52.20	479
	1984	3,900	3,600	4.66	16,780	64.40	1,081
	1985	4,200	4,100	3.97	16,280	52.10	848
	1986	3,700	3,500	3.29	11,520	50.30	579
	1987	3,800	3,000	3.51	10,530	50.00	527
Tomatoes.....	1980	3,400	3,400	11.88	40,390	71.20	2,875
	1981	4,900	4,800	16.67	80,020	80.50	6,442
	1982	5,100	5,000	16.85	84,250	86.30	7,271
	1983	5,000	5,000	16.43	82,150	83.50	6,860
	1984	3,500	3,300	18.13	59,830	79.90	4,780
	1985	3,000	2,800	19.45	54,460	75.50	4,112
	1986	3,100	2,900	17.62	51,100	72.50	3,705
	1987	2,500	2,100	14.14	29,690	75.60	2,245

1/ Value of fresh vegetables represents F.O.B. farm value and processing vegetables represents plant door value.

MUSHROOMS
BY HERBERT D. TRICE

PENNSYLVANIA MUSHROOM PRODUCTION UP 10 PERCENT: Pennsylvania led all states in mushroom production with 281,376,000 pounds produced during the 1986-87 season. Production in the Keystone State accounted for 46 percent of the United States production, up from the 44 percent of the previous year. Pennsylvania accounted for 40 percent of the Nation's fresh markets and 63 percent of the processing sales. This compares to last season's percent of 37 and 62 respectively. Fresh market sales at 183.2 million pounds were up 17 percent from the previous year, but processing sales 98.2 million pounds, were down 2 percent. Production is primarily Agaricus bisporus (brunnescens), conventional button mushrooms, but also includes for the first time this year all known growers of Shiitake (Lentinus), Oysters (Pleurotus), and other exotics and specialities. Separate estimates are not available for these miscellaneous mushrooms.

The average price for the 1986-87 season was 69.1 cents per pound compared with the previous season's price of 66.6 cents. Value of Pennsylvania's crop $194.5 was 23.8 million higher than the previous year. Pennsylvania growers used 61.8 million square feet to produce the 1986-87 crop compared to 60.2 million square feet for the previous year's crop. Growers intend to use 64.7 million square feet to produce the 1987-88 crop.

PENNSYLVANIA AND UNITED STATES: MUSHROOM SALES BY TYPE AND PERCENT OF TOTAL, 1975-1987

Year	Pennsylvania					United States				
	Fresh Market		Processing		Total Production	Fresh Market		Processing		Total Production
	Volume Of Sales	Percent	Volume Of Sales	Percent		Volume Of Sales	Percent	Volume Of Sales	Percent	
	1,000 Pounds									
1975-76	64,590	36	114,327	64	178,917	142,121	46	167,695	54	309,816
1976-77	62,783	32	135,823	68	198,606	151,247	44	195,882	56	347,129
1977-78	75,260	34	144,798	66	220,058	191,080	48	207,623	52	398,703
1978-79	61,222	29	152,568	71	213,790	229,538	51	224,469	49	454,007
1979-80	70,049	33	143,660	67	213,709	255,846	54	214,223	46	470,069
1980-81	87,861	37	149,602	63	237,463	275,052	59	194,524	41	469,576
1981-82	120,141	44	152,907	56	273,048	319,132	62	198,014	38	517,146
1982-83	129,331	52	117,251	48	246,582	337,234	69	153,592	31	490,826
1983-84	154,675	55	124,979	45	279,654	388,075	69	173,456	31	561,531
1984-85	159,667	58	115,529	42	275,196	419,913	70	175,768	30	595,681
1985-86	156,179	61	99,981	39	256,160	427,204	73	160,752	27	587,956
1986-87	183,154	65	98,222	35	281,376	458,293	74	157,094	26	615,387

PENNSYLVANIA AND OTHER STATES: AREA, PRODUCTION, PRICE AND VALUE

State	Area In Production				Production	Price Per Pound	Value Of Production
	First Filling	Second Filling	Additional Fillings	Total			
	1,000 Sq. Ft.				1,000 Lbs.	Cents	1,000 Dols.
	July 1, 1985 - June 30, 1986						
Pennsylvania	19,180	18,048	22,982	60,210	256,160	66.6	170,705
Other States	14,397	14,246	40,712	69,355	331,796	97.2	322,388
United States	33,577	32,294	63,694	129,565	587,956	83.9	493,093
	July 1, 1986 - June 30, 1987						
Pennsylvania	18,929	18,085	24,745	61,759	281,376	69.1	194,465
Other States	13,282	13,114	41,341	67,737	334,011	103.5	345,839
United States	32,211	31,199	66,086	129,496	615,387	87.6	540,304

PENNSYLVANIA AND OTHER STATES: BED OR TRAY AREA TO BE IN PRODUCTION JULY 1, 1987 TO JUNE 30, 1988

State	Intentions July 1987 - June 1988				Intentions As Percent of 1986 - 1987			
	First Filling	Second Filling	Additional Fillings	Total	First Filling	Second Filling	Additional Fillings	Total
	1,000 Square Feet				Percent			
Pennsylvania	19,386	18,660	26,605	64,651	102	103	108	105
Other States	13,552	13,496	43,066	70,114	102	103	104	104
United States	32,938	32,156	69,671	134,765	102	103	105	104

FLOWERS AND FOLIAGE PLANTS - 1987

BY DAVID P. KNOPF

The 1987 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled $95,689,000, compared with $94,927,000 in 1986. A commercial producer is defined as one who had $10,000 or more in gross sales of cut flowers, flowering and foliage plants, bedding plants or cultivated florist greens.

The wholesale value of cut flowers totaled $17,032,000, down 7 percent from the previous year. The wholesale value of potted flowering plants was $26,229,000, up 9 percent from 1986. Sales of foliage plants for indoor and patio use totaled $13,104,000. Sales of bedding and garden plants in flats were down 2 percent to $25,065,000. Potted bedding and garden plants sales were up 8 percent to $14,258,000.

The total covered growing area for Pennsylvania in 1987 was 15,046 thousand square feet, down 5 percent from 1986. The area covered by glass, fiberglass and other rigid materials was 7,569 thousand square feet. Film and plastic greenhouse area totaled 7,440 thousand square feet and shade and temporary cover area totaled 37 thousand square feet. There were 538 growers in 1987.

In 1987 Pennsylvania ranked fourth nationally in wholesale sales of floriculture crops. The Commonwealth came in second for standard mums, hybrid tea roses and poinsettas, and third for sweetheart roses, potted hardy garden mums, potted geraniums from both cutting and seed and flowering hanging baskets.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1986-1987

Flowers, Foliage Plants and Bedding Plants	Producers		Total Quantity				
				Sold		Intended	1988 as
	1986	1987	Units	1986	1987	1988	Percent of 1987
	Number			Thousand			Percent
Potted Flowering Plants							
African Violets	37	37	Pots	1,159	533	375	70
Chrysanthemums	153	167	Pots	1,522	1,460	1,655	113
Finished Florist Azaleas	77	78	Pots	296	612	647	106
Easter Lillies	183	188	Pots	704	706	746	106
Other Lillies	46	46	Pots	156	83	92	111
Poinsettias	313	320	Pots	3,419	3,353	3,620	108
Other Flowering Plants	114	120	Pots	3,885	3,017	3,209	106
Bedding/Garden Plants (Flats)							
Geraniums	94	82	Flats	390	343	372	108
Other Flowering and Foliage Type	372	425	Flats	2,461	2,839	3,000	106
Vegetable Type	338	365	Flats	631	600	606	101
Bedding/Garden Plants (Potted)							
Hardy/Garden Chrysanthemums	179	207	Pots	1,582	1,376	1,378	100
Geraniums (Cutting)	379	395	Pots	4,497	5,102	5,261	103
Geraniums (Seed)	145	166	Pots	2,922	3,063	2,597	85
Other Flowering and Foliage Type	202	201	Pots	6,990	4,573	4,455	97
Potted Vegetable Type	135	130	Pots	599	423	441	104

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1986-1987

Flowers, Foliage Plants and Bedding Plants	Producers		Area for Production 1/			
	1986	1987	1986	1987	Intended 1988	1988 as % of 1987
	Number		1,000 Sq. Ft.			Percent
Cut Flowers						
Carnation, Standard	20	19	67	55	53	96
Miniatures	9	NA	14	NA	NA	NA
Chrysanthemums, Standard	74	82	285	300	314	105
Pompom	69	78	327	219	231	105
Roses, Hybrid Tea	13	14	1,377	1,273	1,263	99
Sweetheart	11	12	277	276	280	101
Other Cut Flowers	78	60	411	684	685	100
Foliage for Indoor or Patio						
Flowering Hanging Baskets	389	409	1,046	1,194	1,253	105
Foliage Hanging Baskets	156	207	1,184	800	877	110
Potted Foliage	106	87	1,031	539	523	97

1/ Quantity sold for Flowering and Foliage Hanging Baskets. NA - Not Available

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS AND BEDDING PLANTS, 1986-1987

Flowers, Foliage Plants and Beading Plants	Production Area		% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
	1986	1987	1986	1987	1986	1987	1986	1987
	1,000 Sq. Ft.		Percent		Dollars		Thous. Dols.	
Potted Flowering Plants								
African Violets	154	74	99	68	.89	1.04	1,032	555
Chrysanthemums (Excluding Hardy/Garden Mums)	1,045	1,006	93	90	2.85	3.14	4,338	4,597
Finished Florist Azaleas	257	371	79	95	3.28	3.16	971	1,936
Easter Lilies	590	442	86	88	3.27	3.35	2,302	2,364
Other Lilies	116	64	86	66	2.15	3.98	335	330
Poinsettias	4,234	4,427	85	83	3.05	3.28	10,428	11,001
Other Flowering Plants	1,170	1,380	93	92	1.21	1.81	4,701	3,446
Total	-	-	-	-	-	-	**24,107**	**26,229**
Bedding/Garden Plants (Flats)								
Geraniums	731	650	71	89	6.86	7.17	2,675	2,459
Other Flowering and Foliage Type	4,628	5,473	76	73	7.85	6.76	19,319	19,192
Vegetable Type	1,281	1,229	64	60	5.66	5.69	3,571	3,414
Total	-	-	-	-	-	-	**25,565**	**25,065**
Bedding/Garden Plants (Potted)								
Hardy/Garden Chrysanthemums	1,535	1,797	86	80	1.43	1.66	2,262	2,981
Geraniums (Cutting)	2,077	2,341	68	70	1.15	1.28	5,172	6,523
Geraniums (Seed)	680	770	90	87	.71	.83	2,075	2,549
Other Flowering and Foliage Type	1,374	1,062	89	72	.49	.60	3,425	2,752
Potted Vegetable Type	145	114	39	42	.48	.36	288	153
Total	-	-	-	-	-	-	**13,222**	**14,258**
Total of Surveyed Plants	**24,107**	**24,546 2/**	-	-	-	-	**94,927**	**95,689**

1/ Equivalent wholesale value of all sales. 2/ Does not include Miniature Carnations in 1987.

PENNSYLVANIA: FLOWERS, FOLIAGE PLANTS & BEDDING PLANTS, 1986-1987

Flowers, Foliage Plants and Bedding Plants	Sales			% of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale 1/	
	Units	1986	1987	1986	1987	1986	1987	1986	1987
		Thous.		Percent		Dollars		Thous. Dols.	
Cut Flowers									
Carnation, Standard	Blooms	995	812	65	64	.179	.173	178	140
Miniatures	Bunches	32	NA	63	NA	2.34	NA	75	NA
Chrysanthemums, Standard	Blooms	1,244	1,257	60	62	.572	.666	712	837
Pompom	Bunches	252	183	58	49	1.36	1.64	343	300
Roses, Hybrid Tea	Blooms	18,157	18,843	99	88	.588	.626	10,676	11,796
Sweetheart	Blooms	6,821	6,453	99	94	.358	.354	2,442	2,284
Other Cut Flowers		-	-	50	86	-	-	1,397	1,416
Total		-	-	-	-	-	-	**15,849**	**16,773 2/**
Foliage for Indoor or Patio									
Flowering Hanging Baskets	Baskets	1,046	1,194	81	82	4.35	4.92	4,550	5,874
Foliage Hanging Baskets	Baskets	1,184	800	92	91	4.17	4.45	4,937	3,560
Potted Foliage		-	-	80	72	-	-	6,691	3,670
Total		-	-	-	-	-	-	**16,178**	**13,104**

1/ Equivalent wholesale value of all sales. 2/ Does not include Miniature Carnations for 1987. NA - Not Available

NURSERY AND LANDSCAPING - 1987

BY MARK E. HUDSON

In 1987, gross receipts of the Commonwealth's 4,296 certified nurseries and dealers totaled 420.5 million dollars. Retail sales were 281.4 million dollars and accounted for nearly 67 percent of the total receipts. Sales by certified nurseries accounted for almost 53 percent of the total receipts while the nursery sales of certified dealers made up 47 percent of the total. The breakdown by source of products sold was: 43 percent self-grown, 44 percent purchased from other Pennsylvania establishments and 13 percent purchased from out-of-state establishments.

The nursery and landscaping industry employed 25,439 persons in 1987 with 50 percent of the total being employed full-time. In the industry work force there were also 3,384 unpaid family members. Salaries and wages paid totaled 141.6 million dollars while expenditures for services such as fertilizing, spraying, etc. totaled 7.8 million dollars.

The 1987 market value of land, structures and equipment used in Pennsylvania's nursery and landscaping industry came in at 579.1 million dollars. Total land used in nursery operations during 1987 was 49,348 acres. This includes land in certified nursery stock plus work areas and other land related with the nursery operation. Land used by operators of nursery product enterprises for all agricultural operations including nursery, totaled 168,115 acres.

Nursery greenhouse areas totaled 22.8 million square feet, cold frames covered 3.3 million square feet, shaded areas covered 4.4 million square feet and sales and storage areas covered 7.5 million square feet.

PENNSYLVANIA: NURSERY AND LANDSCAPING INDUSTRY SURVEY - 1987

Type Of Business	Number Of Establishments	Employees				Salaries & Wages Paid	Expenditures For Services 2/
		Unpaid Family	Hired 1/		Total Hired		
			Full Time	Part Time			
	-Number-					-Dollars-	
Nursery.....	2,310	2,180	6,146	7,657	13,803	77,127,892	2,791,189
Dealer.....	1,986	1,204	6,654	4,982	11,636	64,504,138	4,977,907
TOTAL.....	4,296	3,384	12,800	12,639	25,439	141,632,030	7,769,096

Type Of Business	Gross Receipts 5/			Source of Products Sold			Market Value 3/
	Wholesale	Retail	Total	Brown	Purchased		
					PA.	Other	
	-Dollars-			-Percent-			-Dollars-
Nursery.....	112,965,364	108,465,558	221,430,922	64	24	12	360,449,551
Dealer.....	26,123,831	172,936,644	199,060,475	13	72	15	218,603,742
TOTAL.....	139,089,195	281,402,202	420,491,397	43	44	13	579,053,293

Type Of Business	Land Area		Covered Area - Nursery Useage			
	Ag. & Nursery Useage	Nursery Useage 4/	Greenhouse	Cold Frames	Shaded	Sales & Storage
	-Acres-		-Square Feet-			
Nursery.....	123,546	43,091	19,556,865	3,066,499	3,203,924	4,446,984
Dealer.....	44,567	6,257	3,203,924	230,329	1,225,928	3,071,077
TOTAL.....	168,115	49,348	22,760,789	3,296,828	4,429,852	7,518,061

1/ Employees considered full-time if employed 150 days or more.
2/ Services such as fertilizing, spraying, labor contracting, etc.
3/ Market value of land, structures and equipment used in nursery product operations.
4/ Includes land in certified nursery stock plus work areas and other areas related with the nursery operation.
5/ Includes gross receipts from landscaping services and sales of nursery products.

PRICE AND INCOME REVIEW - 1987

BY MARK E. HUDSON

Season average prices received by Pennsylvania farmers for crops in 1987 were generally mixed. All major livestock items showed price increases from 1986. The average milk price increased from $12.90 per cwt. in 1986 to $13.10 in 1987. Poultry prices, including eggs, were lower.

Cash income in 1987 from farm marketings showed a 1 percent increase over the previous year. Preliminary cash receipts from farm marketings in 1987 was $3.19 billion compared to $3.16 billion in 1986. Total cash income from crops was estimated at $938 million, up 1 percent from 1986. Income received from livestock and livestock products at $2.26 billion was also up 1 percent.

Total production expenses for Pennsylvania farmers in 1986 were $2.65 billion, a decrease of 7 percent from 1985. Net farm income in 1986 totaled $977.8 million, up 20 percent from the previous year. Government payments at $55.0 million, showed an increase of $26.4 million from 1985.

PENNSYLVANIA: PRICES RECEIVED BY FARMERS, MONTHLY, 1987

Commodity	Unit	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Dollars						
Corn	Bu.	1.78	1.75	1.76	1.80	1.91	1.99	1.93	1.88	1.90	1.89	2.07	2.10
Oats	Bu.	1.64	1.65	1.71	1.61	1.73	1.80	1.27	1.32	1.68	1.85	2.09	2.09
Barley	Bu.	1.65	1.42	1.69	1.60	1.70	1.26	1.26	1.53	1.43	1.31	1.85	1.95
Wheat	Bu.	3.06	3.17	3.28	3.01	3.10	2.71	2.52	2.76	2.95	2.78	3.19	3.42
Potatoes (All)	Cwt.	7.50	7.85	7.90	8.35	9.40	-	-	6.20	5.65	5.90	6.45	6.40
Alfalfa Hay	Ton	97.00	100.00	98.00	106.00	97.00	92.00	88.00	88.00	91.00	95.00	98.00	100.00
Other Hay	Ton	72.00	75.00	74.00	80.00	76.00	72.00	67.00	69.00	70.00	77.00	73.00	74.00
Hay, All Baled	Ton	86.00	89.00	87.00	94.00	88.00	83.00	79.00	79.00	82.00	87.00	87.00	88.00
Apples (Fresh Market)	Cwt.	19.20	17.40	18.60	18.70	21.10	18.90	21.10	18.10	19.30	18.50	20.40	19.10
Barrows & Gilts	Cwt.	48.60	49.80	48.50	52.10	56.60	61.30	62.20	60.50	54.50	50.10	42.00	41.90
Steers & Heifers	Cwt.	55.40	56.60	58.20	62.20	67.40	66.30	63.60	63.10	63.70	63.60	58.90	62.40
Cows, Slaughter	Cwt.	38.60	40.20	41.20	42.20	44.90	44.30	42.30	43.70	42.80	43.60	42.20	44.20
Calves	Cwt.	70.30	75.00	70.00	73.50	92.40	95.90	86.30	89.10	91.80	87.00	87.80	86.90
Milk Cows 1/	Head	880.00	-	-	940.00	-	-	930.00	-	-	960.00	-	-
Broilers & Roasters	Lb.	.30	.35	.30	.30	.29	.30	.26	.27	.27	.27	.29	.27
Milk (Wholesale)	Cwt.	13.80	13.50	13.10	12.70	12.30	12.30	12.50	12.80	13.40	13.80	13.80	13.50
Eggs (Market)	Doz.	.47	.44	.41	.42	.36	.35	.37	.30	.44	.35	.44	.31

1/ Estimated Quarterly.

PENNSYLVANIA: SEASON AVERAGE PRICES RECEIVED BY FARMERS, 1977-1987

Commodity	Unit	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
						Dollars						
Corn	Bu.	2.32	2.68	2.99	3.63	2.67	2.72	3.75	2.83	2.48	1.83	2.15
Oats	Bu.	1.47	1.42	1.53	2.13	2.01	1.74	1.89	1.94	1.26	1.37	1.95
Barley	Bu.	1.93	1.81	2.18	2.89	2.35	1.95	2.20	2.45	1.60	1.35	1.30
Wheat	Bu.	2.40	3.35	4.24	4.10	3.50	3.25	3.65	3.60	3.05	2.75	2.65
Potatoes	Cwt.	4.70	4.85	5.00	7.90	7.05	5.50	8.10	6.35	4.55	6.80	6.70
Hay, All Baled	Ton	75.00	62.00	55.00	75.00	94.50	89.00	98.00	85.00	67.50	80.00	87.00
Apples, All	Lb.	.098	.089	.087	.075	.095	.093	.085	.092	.094	.083	.090
Apples (Fresh Market)	Lb.	.143	.145	.148	.129	.160	.151	.144	.147	.161	.174	.164
Hogs, All	Cwt.	39.10	46.30	43.00	38.90	46.80	55.60	48.90	49.50	45.60	50.30	52.00
Steers & Heifers	Cwt.	37.70	50.80	66.80	65.60	58.00	57.90	56.30	57.70	52.60	52.50	62.10
Cows, Slaughter	Cwt.	25.70	36.90	51.40	47.60	40.60	38.70	38.40	37.60	36.20	35.10	42.30
Calves	Cwt.	45.70	64.30	97.90	93.20	86.70	69.60	70.00	64.30	63.00	65.10	83.10
Sheep	Cwt.	14.30	19.80	29.30	25.00	22.10	20.90	17.30	17.60	21.70	24.00	26.40
Lambs	Cwt.	48.30	70.00	74.40	62.60	66.80	60.80	62.40	64.60	67.00	70.30	79.50
Milk Cows	Head	662.00	743.00	1110.00	1280.00	1310.00	1200.00	1120.00	965.00	930.00	850.00	930.00
Farm Chickens	Lb.	.199	.208	.206	.199	.170	.180	.160	.160	.120	.090	.090
Broilers & Roasters	Lb.	.252	.273	.275	.285	.300	.270	.280	.330	.310	.320	.290
Turkeys	Lb.	.402	.474	.460	.450	.450	.470	.470	.590	.500	.510	.420
Milk (Wholesale)	Cwt.	10.40	11.10	12.70	13.60	14.20	14.00	14.00	13.90	13.10	12.90	13.10
Eggs 1/	Doz.	.54	.49	.56	.51	.60	.56	.57	.70	.53	.57	.40
Wool 2/	Lb.	.72	.76	.85	.78	.80	.37	.45	.70	.50	.62	.66

1/ Beginning with 1981, average prices received are for market eggs only.
2/ U. S. Average

PENNSYLVANIA: AVERAGE ANNUAL PRICES PAID BY FARMERS FOR SELECTED ITEMS AND YEAR, 1976-1987

Item	Unit	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
						Dollars							
Motor Supplies:													
Gasoline, Unleaded...	Gal.	.57	.60	.63	.87	1.21	1.36	1.27	1.22	1.21	1.21	.97	.94
Diesel Fuel.....	Gal.	.42	.48	.49	.72	.98	1.20	1.17	1.06	1.08	1.01	.84	.77
Spark Plugs.....	Each	1.20	1.35	1.23	1.33	1.25	1.28	1.27	1.40	1.45	1.58	1.72 1/	1.77 1/
Feed:													
Chick Starter.....	Ton	172.50	176.00	176.00	199.00	212.00	229.00	208.00	227.00	234.00	203.00	194.00	183.00
Laying Feed.....	Ton	154.92	153.00	154.00	172.00	185.00	205.00	196.00	198.00	208.00	181.00	171.00	164.00
Dairy Feed-16%.....	Ton	144.33	144.50	144.00	164.00	180.00	199.00	181.00	195.00	197.00	169.00	163.00	153.00
Middlings.....	Cwt.	7.19	7.08	6.80	7.60	8.70	9.90	9.30	9.20	9.40	7.63	7.86	6.88
Soybean Meal, 44%....	Cwt.	10.77	12.95	11.60	13.00	14.00	14.80	13.40	14.20	13.10	10.16	11.60	15.35
Corn Meal.....	Cwt.	6.72	6.03	6.20	7.00	8.00	8.80	8.30	8.90	9.40	7.72	7.68	7.03

1/ United States Average Price

PENNSYLVANIA: PRICES PAID BY FARMERS FOR FEED, CHICKS AND PRICE-FEED RATIOS, QUARTERLY 1987 1/

Item	Unit	Jan.	Apr.	July	Oct.
			Dollars		
Poultry:					
Chick Starter.....	Ton	172	186	190	184
Broiler Grower.....	Ton	176	194	230	181
Turkey Grower.....	Ton	200	210	223	201
Laying Feed.....	Ton	160	164	171	161
Broiler-Type Chicks Str. Run 2/	100	17.30	19.30	18.70	18.20
Egg-Type, Pullets 2/.....	100	52.00	51.20	51.10	50.20
Turkey Poults 2/.....	Each	.928	.938	.931	.919
Dairy:					
Mixed Dairy Feed, 16%.....	Ton	155	151	153	152
Mixed Dairy Feed, 18%.....	Ton	159	156	158	160
Mixed Dairy Feed, 20%.....	Ton	165	161	165	163
Mixed Dairy Feed, 32%.....	Ton	215	210	229	227
Hog & Beef:					
Mixed Hog-Feed, 14-18%.....	Ton.	176	172	182	178
Mixed Hog-Feed, 38-42%.....	Ton.	268	272	296	297
Hog-Corn Price Ratio.....		27.0	28.5	31.5	26.1
Beef-Cattle Concentrate, 32-36%.	Ton.	222	228	232	208
Ingredients:					
Bran.....	Cwt.	8.50	8.20	8.30	7.70
Corn Meal.....	Cwt.	7.00	6.90	7.30	6.90
Soybean Meal 44%.....	Cwt.	11.70	11.50	12.50	12.30
Cottonseed Meal, 41%.....	Cwt.	17.00	15.00	15.00	14.30
Stock Salt.....	50 lb.	4.40	4.35	4.45	4.40
Liquid Molasses.....	Cwt.	7.90	7.70	8.50	8.90

1/ Starting in 1986 all prices paid are estimated Quarterly for the Northest Region: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT.
2/ United States Average price

PENNSYLVANIA: CASH RECEIPTS FROM FARM MARKETING AND GOVERNMENT PAYMENTS, 1940-1987

Year	Cash Income From Farm Marketings			Government Payments	Total Marketings & Government Payments
	Crops	Livestock & Livestock Products	Total Crops & Livestock		
	Million Dollars				
1940	75.8	192.9	268.7	6.7	275.4
1950	161.1	533.2	694.3	6.3	700.6
1960	206.0	601.0	807.0	11.8	818.8
1970	260.9	775.9	1,036.8	25.2	1,062.0
1972	271.6	821.3	1,092.9	22.9	1,115.8
1973	368.2	985.3	1,353.5	15.3	1,368.8
1974	462.3	1,042.6	1,504.9	4.9	1,509.8
1975	475.6	1,124.8	1,600.4	5.3	1,605.7
1976	542.7	1,272.5	1,815.2	5.8	1,821.0
1977	596.5	1,301.3	1,897.8	7.5	1,905.3
1978	649.5	1,487.4	2,136.9	12.7	2,149.6
1979	726.2	1,749.7	2,475.9	6.0	2,481.9
1980	689.3	1,943.4	2,632.7	8.3	2,641.0
1981	765.2	2,147.9	2,913.1	11.9	2,925.0
1982	824.3	2,162.4	2,986.7	7.4	2,994.1
1983	789.9	2,222.5	3,012.4	30.1	3,042.5
1984	849.0	2,242.1	3,091.1	80.7	3,171.8
1985	1,002.7	2,183.9	3,186.6	28.6	3,215.2
1986	926.1	2,238.6	3,164.7	44.6	3,209.3
1987	934.0	2,258.0	3,192.0	-	-

PENNSYLVANIA: FARM BALANCE SHEET (INCLUDING OPERATOR HOUSEHOLDS), DECEMBER 31, 1982-86 1/

Item	1982	1983	1984	1985	1986
	Million Dollars				
Total farm assets:					
Real estate	19,401.8	19,955.8	19,073.4	18,258.3	20,631.5
Livestock and poultry	13,376.0	14,285.4	13,137.0	12,615.0	14,662.5
Machinery and motor vehicles	1,400.1	1,275.1	1,246.7	1,133.3	1,209.3
Crops 2/	2,492.5	2,207.9	2,188.1	1,971.0	1,836.4
Household equip. and furnishings	709.8	622.3	787.0	646.5	573.9
Deposits and currency	669.0	768.8	858.2	985.9	1,350.1
U.S. savings bonds	316.4	331.3	368.3	393.0	469.9
Investments in cooperatives	63.9	65.6	68.6	73.8	87.0
	374.2	399.3	419.5	439.8	442.5
Total farm debt	2,986.6	2,953.6	2,960.6	2,729.6	2,521.0
Real estate debt 3/	1,692.1	1,708.7	1,676.1	1,579.6	1,440.2
Nonreal estate debt 4/	1,294.5	1,244.9	1,284.5	1,150.0	1,080.7
Equity	16,415.2	17,002.3	16,112.8	15,528.7	18,110.5
	Ratio				
Equity/assets	84.6	85.2	84.5	85.0	87.8
Debt/equity	18.2	17.4	18.4	17.6	13.9
Debt/assets: Total	15.4	14.8	15.5	15.0	12.2
Debt/assets: Real estate	12.7	12.0	12.8	12.5	9.8
Debt/assets: Nonreal estate	21.5	22.0	21.6	20.4	18.1
Net farm income/debt 5/	18.0	10.5	28.2	28.7	37.2

1/ Data are for farms with sales of $1,000 or more annually. 2/ All crops held on farms including value above loan rates for crops held under CCC. 3/ Includes CCC storage and drying facilities loans. 4/ Includes debt owed to institutional lenders and to noninstitutional or miscellaneous lenders. These crops are included as assets. 5/ Total debt in this ratio is an average for the year.

PENNSYLVANIA: FARM INCOME INDICATORS, 1982-86

Item	1982	1983	1984	1985	1986
			Million Dollars		
Gross Farm Income 1/	3,419.4	3,398.6	3,847.1	3,661.3	3,632.2
Cash income	3,049.0	3,097.7	3,238.9	3,297.8	3,289.7
Farm marketings	2,986.7	3,012.4	3,091.1	3,186.6	3,164.7
Crops	824.3	789.9	849.0	1,002.7	926.1
Livestock and products	2,162.3	2,222.6	2,242.0	2,183.8	2,238.5
Government payments	7.4	30.1	80.7	28.6	44.6
Other farm income	54.9	55.3	67.2	82.6	80.4
Machine hire/customwork	10.4	7.2	8.6	11.8	7.6
Other farm-related income	44.4	48.0	58.6	70.8	72.8
Noncash income	428.8	424.6	438.4	394.0	367.8
Value of home consumption	44.2	41.1	39.7	33.5	32.7
Rental value of dwellings	384.6	383.5	398.6	360.5	335.1
Operators dwellings	380.0	378.9	394.2	356.5	330.7
Hired laborers dwellings	4.6	4.5	4.4	4.0	4.4
Value of inventory adjustment	-58.4	-123.7	169.8	-30.6	-25.3
Total production expenses 1/	2,891.5	3,086.0	3,013.5	2,844.2	2,654.5
Intermediate product expenses	1,641.0	1,860.2	1,754.9	1,663.1	1,541.6
Farm origin	770.1	899.5	801.2	758.6	695.1
Feed	608.2	730.1	636.3	593.2	538.0
Livestock	105.4	116.1	103.4	105.8	104.0
Seed	56.5	53.3	61.4	59.6	53.1
Manufactured inputs	401.8	385.1	364.9	357.2	291.6
Fertilizer and lime	156.5	145.2	124.0	126.1	98.6
Pesticides	47.4	46.0	52.8	53.4	48.0
Fuel and oil	140.3	133.5	127.1	117.1	85.2
Electricity	57.5	60.5	61.0	60.6	59.8
Other	469.1	575.6	588.9	547.3	554.9
Repair and operation	170.2	173.9	178.2	186.6	190.1
Other miscellaneous 2/	298.9	401.7	410.6	360.8	364.8
Interest	297.2	288.4	279.4	251.7	243.8
Real estate	173.5	175.4	172.1	143.1	132.3
Nonreal estate	123.7	113.0	107.3	108.6	111.5
Contract and hired labor expenses	250.5	241.3	239.8	242.2	244.2
Cash labor expenses	230.3	221.6	219.0	222.2	227.6
Perquisites	20.2	19.7	20.8	20.0	16.7
Net rent to nonoperator landlords	-29.9	-37.6	-7.1	-14.5	-16.5
Capital consumption	659.5	645.0	662.7	607.7	546.4
Business taxes	73.2	88.5	83.8	94.0	95.0
NET FARM INCOME	527.9	312.6	833.6	817.0	977.8
Cash income 3/	3,049.0	3,097.7	3,238.9	3,297.8	3,289.7
Cash expenses 3/	2,144.3	2,346.6	2,251.3	2,133.6	2,024.7
Intermediate product expenses	1,605.7	1,822.0	1,713.2	1,617.2	1,494.9
Interest	272.7	260.9	251.3	224.5	233.5
Cash labor expenses	230.3	221.6	219.0	222.2	227.6
Net rent to nonoperator landlords	-29.9	-37.6	-7.1	-14.5	-16.5
Business taxes	65.6	79.6	74.9	84.2	85.3
NET CASH INCOME	904.7	751.1	987.6	1,164.2	1,264.9
Cash income	3,049.0	3,097.7	3,238.9	3,297.8	3,289.7
Cash expenses	2,144.3	2,346.6	2,251.3	2,133.6	2,024.7
Capital consumption	543.8	530.5	539.6	492.9	439.5
NET BUSINESS INCOME 4/	360.9	220.6	448.0	671.3	825.4
Gross receipts of farms 5/	3,039.4	3,019.7	3,452.9	3,304.8	3,301.5
Nonfactor payments 3/	2,215.0	2,432.1	2,327.7	2,194.3	2,019.7
Intermediate product expenses	1,605.7	1,822.0	1,713.2	1,617.2	1,494.9
Capital consumption	543.8	530.5	539.6	492.9	439.5
Business taxes	65.6	79.6	74.9	84.2	85.3
Factor payments 3/	824.4	587.5	1,125.2	1,110.4	1,281.8
Interest	272.7	260.9	251.3	224.5	233.5
Contract and hired labor expenses	250.5	241.3	239.8	242.2	244.2
Net rent to nonoperator landlords	-29.9	-37.6	-7.1	-14.5	-16.5
RETURNS TO OPERATORS 6/	331.1	122.9	641.2	658.3	820.6
Off-farm income 7/	967.1	982.8	1,017.3	1,129.1	1,186.9
			Number		
Number of farms	60,000	59,000	58,000	58,000	56,500

1/ Includes operator households. 2/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses. 3/ Excludes operator households. 4/ Cash income less cash expenses and capital consumption. 5/ Gross farm income less rental value of operators' dwellings. 6/ Gross receipts of farms less nonfactor payments, interest, wages to contract and hired labor, and net rent to nonoperator landlords. 7/ Includes off-farm income for members of farm operators' households only.

PENNSYLVANIA: CASH RECEIPTS FROM SALE OF AGRICULTURAL PRODUCTS FROM FARMS BY COMMODITIES, 1982-1986

Commodity	1982	1983	1984	1985	1986
			Thousand Dollars		
ALL COMMODITIES	2,986,664	3,012,427	3,091,062	3,186,567	3,164,655
LIVESTOCK PRODUCTS	2,1o2,347	2,222,559	2,242,027	2,183,827	2,238,514
MEAT ANIMALS	430,972	431,942	441,157	399,582	415,018
Cattle/Calves	345,227	310,882	303,701	294,681	304,024
Hogs	82,215	118,363	133,953	102,086	108,051
Sheep/Lambs	3,530	2,697	3,503	2,615	2,943
DAIRY PRODUCTS	1,301,691	1,330,863	1,305,705	1,311,305	1,316,565
Milk Retail	75,991	66,763	55,400	59,600	61,395
Milk Wholesale	1,225,700	1,262,100	1,250,305	1,251,705	1,255,170
POULTRY/EGGS	396,520	421,525	448,653	417,155	454,980
Broilers	127,182	117,833	121,006	123,294	136,963
Chickens, Farm	16,031	12,130	7,205	7,603	7,722
Eggs	207,978	230,838	255,660	218,808	230,690
Turkeys	47,329	60,724	64,782	67,450	79,560
Other Poultry	NA	NA	NA	NA	45
MISCELLANEOUS LIVESTOCK	31,164	38,229	46,512	55,785	51,951
All Other Livestock	30,938	37,938	46,050	55,500	50,760
CROPS	824,317	789,868	849,035	1,002,740	926,141
FOOD GRAINS	24,521	23,702	23,635	24,887	20,012
Wheat	24,036	22,940	22,923	24,151	19,485
FEED CROPS	238,174	164,634	161,322	302,116	204,802
Barley	2,488	3,351	5,643	2,826	2,862
Corn	152,973	81,889	66,533	210,378	108,847
Hay	73,096	70,287	83,185	78,736	87,386
Oats	9,617	9,107	5,961	10,176	5,707
TOBACCO	21,812	20,436	21,219	20,984	18,330
OIL CROPS	22,325	23,377	30,264	29,272	25,428
Soybeans	22,325	23,377	30,264	29,272	25,428
VEGETABLES	73,143	70,258	80,193	79,157	74,647
Potatoes	28,855	29,256	31,106	29,682	29,647
Beans, Snap	2,691	1,568	2,822	3,196	1,667
Corn, Sweet	12,066	10,103	15,477	13,880	12,693
Tomatoes	16,643	16,279	17,020	16,093	14,180
Miscellaneous Vegetables	12,202	12,402	12,905	15,000	16,000
FRUITS/NUTS	88,798	81,949	88,560	85,505	116,281
Apples	53,538	41,816	51,147	56,339	71,746
Cherries	1,204	5,048	3,411	2,206	4,306
Grapes	10,537	10,596	8,527	7,378	10,810
Peaches	15,629	15,590	16,402	9,376	18,179
Strawberries	5,852	5,810	4,146	3,473	4,190
Other Berries	NA	1,500	2,500	4,000	4,100
Miscellaneous Fruits & Nuts	711	900	1,400	2,000	2,000
ALL OTHER CROPS	355,544	405,512	443,822	460,819	466,641
Mushrooms	179,667	187,305	196,488	178,937	170,600
Other Seeds	445	545	650	750	750
Other Field Crops	1,532	1,532	2,250	3,000	3,000
Greenhouse/Nursery	173,900	216,130	244,434	278,132	292,291

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF AGRICULTURAL CROPS, BY COUNTIES, 1986 1/

County & District	Crops				Total All Crops
	Field	Vegetables & Potatoes	Fruits	Horticulture & Mushrooms	
	Thousand Dollars				
Crawford	6,119	867	86	870	7,942
Erie	4,669	8,574	15,658	6,869	35,770
Forest	70	5	0	0	75
Mercer	5,511	821	97	3,547	9,976
Venango	910	63	53	552	1,578
Warren	1,026	425	53	28	1,532
NORTHWESTERN, TOTAL	**18,305**	**10,755**	**15,947**	**11,866**	**56,873**
Bradford	3,932	326	179	406	4,843
Cameron	25	3	0	0	28
Clinton	1,872	814	53	15	2,754
Elk	230	10	0	5	245
Lycoming	5,077	787	358	2,006	8,228
McKean	360	3	0	423	786
Potter	966	3,285	0	29	4,280
Sullivan	414	145	0	0	559
Tioga	2,245	213	12	263	2,733
NORTH CENTRAL, TOTAL	**15,121**	**5,586**	**602**	**3,147**	**24,456**
Lackawanna	699	2,834	18	179	3,730
Susquehanna	2,407	69	59	73	2,608
Wayne	1,541	54	12	702	2,309
Wyoming	1,162	301	223	235	1,921
NORTHEASTERN, TOTAL	**5,809**	**3,258**	**312**	**1,189**	**10,568**
Armstrong	3,513	276	275	48,740	52,804
Beaver	1,734	246	235	1,190	3,405
Butler	4,675	1,340	0	28,858	34,873
Clarion	2,245	538	85	349	3,217
Indiana	4,213	750	168	5,169	10,300
Jefferson	1,658	163	14	804	2,639
Lawrence	4,399	150	176	3,299	8,024
WEST CENTRAL, TOTAL	**22,437**	**3,463**	**953**	**88,409**	**115,262**
Blair	2,696	441	959	848	4,944
Cambria	1,627	4,013	49	1,607	7,296
Centre	4,937	648	280	745	6,610
Clearfield	1,287	179	79	1,202	2,747
Columbia	5,194	2,296	1,044	4,957	13,491
Dauphin	5,016	927	840	1,267	8,050
Huntingdon	3,081	107	220	263	3,671
Juniata	3,066	156	2,093	19	5,334
Mifflin	2,944	171	380	208	3,703
Montour	2,099	373	77	580	3,129
Northumberland	6,273	1,546	674	745	9,238
Perry	3,810	121	200	330	4,461
Snyder	3,371	1,015	1,607	129	6,122
Union	3,197	442	66	66	3,771
CENTRAL, TOTAL	**48,598**	**12,435**	**8,568**	**12,966**	**82,567**
Carbon	771	416	120	686	1,993
Lehigh	6,979	2,752	4,909	1,163	15,803
Luzerne	1,698	3,854	268	3,259	9,079
Monroe	769	144	0	279	1,192
Northampton	7,440	1,051	1,417	1,776	11,684
Pike	133	187	0	26	346
Schuylkill	3,740	4,825	990	458	10,013
EAST CENTRAL, TOTAL	**21,530**	**13,229**	**7,704**	**7,647**	**50,110**
Allegheny	712	673	2,091	9,520	12,996
Fayette	2,647	198	0	1,535	4,380
Greene	1,213	88	1	450	1,752
Somerset	3,803	1,569	150	1,060	6,582
Washington	4,476	781	461	2,653	8,371
Westmoreland	5,371	616	187	6,251	12,425
SOUTHWESTERN, TOTAL	**18,222**	**3,925**	**2,890**	**21,469**	**46,506**
Adams	5,794	1,069	44,662	1,500	53,025
Bedford	4,184	162	1,087	66	5,499
Cumberland	7,103	450	1,775	3,134	12,462
Franklin	8,271	727	15,224	577	24,799
Fulton	1,808	35	0	73	1,916
York	16,809	5,429	7,639	5,388	35,265
SOUTH CENTRAL, TOTAL	**43,969**	**7,872**	**70,387**	**10,738**	**132,966**
Berks	14,429	840	3,289	69,400	87,958
Bucks	9,929	3,517	717	14,911	29,074
Chester	11,476	1,077	1,116	188,432	202,101
Delaware	258	47	194	12,953	13,452
Lancaster	27,807	7,243	2,894	10,824	48,768
Lebanon	5,364	927	364	2,508	9,183
Montgomery	5,120	473	324	9,361	15,278
Philadelphia	198	0	0	821	1,019
SOUTHEASTERN, TOTAL	**74,581**	**14,124**	**8,918**	**309,210**	**406,833**
PENNSYLVANIA	**268,572**	**74,647**	**116,281**	**466,641**	**926,141**

1/ Totals may not add due to rounding.

PENNSYLVANIA: CASH RECEIPTS FROM THE SALE OF LIVESTOCK AND LIVESTOCK PRODUCTS, GOVERNMENT PAYMENTS AND TOTAL CASH RECEIPTS BY COUNTIES, 1986 1/

County & District	Livestock And Products				Government Payments 2/	Total All Crops, Livestock Products & Gov't Payments
	Meat Animals & Misc. Livestock	Dairy	Poultry	Total Livestock & Products		
	Thousand Dollars					
Crawford	5,739	39,528	4,006	49,273	1,155	58,370
Erie	5,429	29,672	750	35,851	885	72,506
Forest	93	602	26	721	28	824
Mercer	4,937	20,077	418	25,432	1,323	36,731
Venango	1,553	3,490	50	5,093	229	6,900
Warren	1,722	9,174	250	11,146	95	12,773
NORTHWESTERN, TOTAL	**19,473**	**102,543**	**5,500**	**127,516**	**3,715**	**188,104**
Bradford	13,306	75,202	4,006	92,514	830	98,187
Cameron	0	286	8	294	9	331
Clinton	2,367	6,754	334	9,455	809	13,018
Elk	769	957	1,419	3,145	22	3,412
Lycoming	4,294	14,000	1,753	20,047	1,516	29,791
McKean	613	2,954	76	3,643	78	4,507
Potter	1,873	13,254	141	15,268	204	19,752
Sullivan	966	3,766	41	4,773	140	5,472
Tioga	4,294	40,462	1,252	46,008	613	49,354
NORTH CENTRAL, TOTAL	**28,482**	**157,635**	**9,030**	**195,147**	**4,221**	**223,824**
Lackawanna	2,167	5,674	84	7,925	154	11,809
Susquehanna	3,717	39,030	250	42,997	232	45,837
Wayne	3,752	28,493	2,920	35,165	87	37,561
Wyoming	3,655	13,051	918	17,624	298	19,843
NORTHEASTERN, TOTAL	**13,291**	**86,248**	**4,172**	**103,711**	**771**	**115,050**
Armstrong	3,046	8,495	168	11,709	709	65,222
Beaver	1,366	5,962	91	7,619	48	11,072
Butler	4,820	10,790	1,644	17,254	769	52,896
Clarion	2,068	9,130	168	11,366	574	15,157
Indiana	3,955	13,421	4,174	21,550	617	32,467
Jefferson	1,369	6,645	168	8,182	211	11,032
Lawrence	3,367	11,786	2,002	17,155	789	25,968
WEST CENTRAL, TOTAL	**19,991**	**66,229**	**8,615**	**94,835**	**3,717**	**213,814**
Blair	3,945	26,145	666	30,756	510	36,210
Cambria	3,863	4,604	516	8,983	509	16,788
Centre	4,338	23,148	168	27,654	1,219	35,483
Clearfield	947	4,866	50	5,863	224	8,834
Columbia	3,655	6,302	2,498	12,455	1,640	27,586
Dauphin	7,391	14,939	13,182	35,512	719	44,281
Huntingdon	4,088	20,075	1,949	26,112	765	30,548
Juniata	3,536	17,066	12,975	33,577	1,004	39,915
Mifflin	4,439	27,071	3,570	35,080	511	39,294
Montour	2,362	3,605	585	6,572	822	10,523
Northumberland	8,095	7,869	9,156	25,120	2,218	36,576
Perry	4,221	16,899	8,051	29,171	1,480	35,112
Snyder	5,870	12,118	10,437	28,425	396	34,943
Union	6,305	11,970	4,919	23,194	645	27,610
CENTRAL, TOTAL	**63,075**	**196,677**	**68,722**	**328,474**	**12,662**	**423,703**
Carbon	533	622	368	1,523	338	3,854
Lehigh	2,651	2,999	1,680	7,330	1,488	24,621
Luzerne	1,237	3,945	1,837	7,019	650	16,748
Monroe	959	804	66	1,829	417	3,438
Northampton	3,327	12,154	1,335	16,816	2,458	30,958
Pike	92	175	34	301	32	679
Schuylkill	5,190	4,687	13,914	23,791	1,308	35,112
EAST CENTRAL, TOTAL	**13,989**	**25,386**	**19,234**	**58,609**	**6,691**	**115,410**
Allegheny	2,248	1,556	434	4,238	73	17,307
Fayette	3,359	7,305	843	11,507	576	16,463
Greene	2,594	2,684	41	5,319	183	7,254
Somerset	6,590	31,270	918	38,778	709	46,069
Washington	5,274	16,402	291	21,967	404	30,742
Westmoreland	5,831	17,158	1,018	24,007	878	37,310
SOUTHWESTERN, TOTAL	**25,896**	**76,375**	**3,545**	**105,816**	**2,823**	**155,145**
Adams	18,418	17,004	22,213	57,635	4,832	115,492
Bedford	6,734	30,393	200	37,327	761	43,587
Cumberland	12,207	45,872	7,748	65,827	1,708	79,997
Franklin	16,456	81,608	10,831	108,895	1,803	135,497
Fulton	1,974	9,659	34	11,667	729	14,312
York	23,411	29,776	13,518	66,705	2,226	104,196
SOUTH CENTRAL, TOTAL	**79,200**	**214,312**	**54,544**	**348,056**	**12,059**	**493,081**
Berks	22,030	50,422	13,336	85,788	3,515	177,261
Bucks	5,128	12,346	1,585	19,059	522	48,655
Chester	16,530	54,151	15,103	85,784	1,759	289,644
Delaware	1,456	747	16	2,219	99	15,770
Lancaster	135,956	215,851	216,362	568,171	1,197	618,136
Lebanon	17,792	47,061	32,537	97,390	641	107,214
Montgomery	4,678	10,582	2,671	17,931	616	33,825
Philadelphia	0	0	8	8	0	1,027
SOUTHEASTERN, TOTAL	**203,572**	**391,160**	**281,618**	**876,350**	**8,349**	**1,291,532**
PENNSYLVANIA	**466,969**	**1,316,565**	**454,980**	**2,238,514**	**55,008**	**3,219,663**

1/ Totals may not add due to rounding. 2/ Differs from Government payments shown in preceding tables due to different accounting periods used.

AGRICULTURAL EXPORTS
BY P. GREGORY TRUCKOR

PENNSYLVANIA: Agricultural exports from the Keystone State during the fiscal year (FY) October 1986-September 1987 were valued at 203.2 million dollars. This represents an increase of 20 percent from the 168.9 million dollars worth of commodities exported in FY 1986.

Pennsylvania exports ranked fifth in dairy products, ninth in hides and skins, ninth in animal fats, tenth in prepared fruits and tenth in poultry and poultry products.

UNITED STATES: Rebounding U.S. agricultural exports boosted the export level from more than 30 States during FY 1987. Increased shipments abroad of soybeans, cotton, livestock products, and fruits and vegetables benefited the States producing those commodities. Conversely, many wheat, feed grain, and tobacco growers received lower export revenues in FY 1987, including growers in Indiana, Illinois, Ohio, Georgia, North Carolina, and Kentucky.

California maintained its export lead among the States for the third consecutive year because of brisk export demand for cotton, fruits, vegetables, tree nuts, and livestock products. Estimated FY 1987 value for California's exports reached $2.8 billion, up about 19 percent from the FY 1986 level. California exported about 25 percent of its fruits and vegetables and an estimated 60 percent of its cotton in FY 1987.

Iowa moved ahead to second place behind California in State exports in FY 1987, with export value of nearly $2.3 billion, as increased shipments of soybeans and livestock products offset the continued decline in corn exports. Illinois fell slightly behind Iowa with about $2.1 billion in exports because Iowa received more revenue from livestock products. Nebraska exported an estimated $1.6 billion, and Texas and Kansas each exported about $1.5 billion in FY 1987.

METHODOLOGY: We assume that State agricultural export estimates are the proportion of each State's production compared with total U.S. production of most identifiable farm commodities. Refining this procedure includes using sales data from the Census of Agriculture, Customs District shipments, feed-livestock balances, Agricultural Marketing Service reports, and commodity market information.

U.S. & PA AGRICULTURAL EXPORTS: ESTIMATED VALUE BY COMMODITY GROUP, FISCAL YEARS 1985-87

COMMODITY AND YEAR		PENNSYLVANIA	UNITED STATES	COMMODITY AND YEAR		PENNSYLVANIA	UNITED STATES
		Million Dollars					
Soybeans & Products	1985	16.8	5,267.1	Poultry & Products	1985	14.0	392.8
	1986	15.8	5,578.5		1986	16.0	455.3
	1987	16.0	5,747.0		1987	22.2	594.3
Tobacco - Unmanufactured	1985	4.8	1,587.9	Fats, Oils & Greases	1985	17.2	607.9
	1986	3.9	1,317.5		1986	14.1	476.5
	1987	3.5	1,203.9		1987	13.6	416.8
Fruits - Prepared	1985	10.1	1,200.1	Dairy Products	1985	22.6	413.5
	1986	8.8	1,237.0		1986	22.9	430.2
	1987	10.1	1,466.0		1987	28.4	489.9
Vegetables - Prepared	1985	5.8	945.8	Feeds & Fodders	1985	4.7	472.8
	1986	6.0	998.2		1986	6.7	554.6
	1987	5.5	1,177.7		1987	6.5	670.9
Live Animals & Meat	1985	26.5	1,160.9	Seeds	1985	1.4	352.3
	1986	30.0	1,356.7		1986	1.5	366.4
	1987	41.7	1,630.2		1987	1.5	369.6
Hides & Skins	1985	33.3	1,324.6	Other	1985	3.4	1,414.0
	1986	38.7	1,440.4		1986	4.5	1,456.4
	1987	48.5	1,665.6		1987	5.8	1,660.0
				Total	1985	160.7	31,200.8 1/
					1986	168.9	26,306.9 1/
					1987	203.2	27,873.8 1/

1/ Includes value for some commodities not shown separately which are not produced or exported from Pennsylvania.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE 1/

Field Crops & Vegetables	Year Estimates Started		Acreage		Yield			Production	
			Harvested	Year	Unit	Per Acre	Year	Total	Year
			1,000					1,000	
Corn For Grain.....	1919	High	1,861	1981	Bu.	110	1985	151,800	1985
		Low	672	1966		22	1930	19,074	1930
Corn For Silage.....	1919	High	530	1983	Ton	16.5	1985	7,448	1982
		Low	156	1921		6.0	1930	1,326	1923
Wheat.....	1866	High	1,610	1901	Bu.	48	1985	26,565	1901
		Low	185	1987		10.5	1872	7,095	1978
Oats.....	1866	High	1,330	1888	Bu.	70	1985	44,165	1918
		Low	260	1987		17.5	1890	14,820	1987
Barley.....	1866	High	245	1955	Bu.	62	1985	9,900	1967
		Low	7	1915		17.5	1901	130	1914
Rye.....	1866	High	398	1879	Bu.	37	1985	4,368	1891
		Low	11	1981		9	1870	186	1951
Soybeans.....	1924	High	170	1985	Bu.	35	1986	5,950	1985
		Low	2	1935		13	1957	33	1935
All Hay.....	1866	High	3,300	1892	Ton	2.66	1985	5,302	1985
		Low	1,870	1976		1.00	1911	2,255	1866
Alfalfa Hay.....	1919	High	850	1987	Ton	3.30	1985	2,772	1985
		Low	31	1919		1.60	1957	65	1919
Potatoes.....	1866	High	308	1917	Cwt.	260	1985	19,662	1934
		Low	21	1982		38	1876	4,180	1980
Tobacco.....	1866	High	49	1918	Lbs.	2,050	1981	72,275	1918
		Low	3	1869		730	1881	3,390	1867
Mushrooms.....	1966	High	-	-	Lbs.	-	-	281,376	1967
		Low	-	-		-	-	93,000	1966
Snap Beans (Proc.)..	1918	High	10.0	1965	Ton	3.43	1985	18.5	1967
		Low	.1	1921		.8	1930	.3	1921
Sweet Corn (Fresh)..	1939	High	29.4	1944	Cwt.	73	1984	1,250	1944
		Low	10.9	1979		35	1939	545	1972
Sweet Corn (Proc.)..	1918	High	16.7	1943	Ton	4.66	1984	44.9	1956
		Low	1.1	1921		.90	1930	3.0	1921
Strawberries.....	1918	High	4.1	1937	Cwt.	42	1987	125.3	1937
		Low	1.1	1974		14	1945	2.7	1945
Tomatoes (Fresh)....	1918	High	4.8	1985	Cwt.	170	1984	768	1985
		Low	.5	1926		53	1926	27	1926
Tomatoes (Proc.)....	1918	High	37.2	1945	Ton	20.4	1976	225.0	1958
		Low	.9	1921		2.9	1946	4.3	1921

1/ In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

RECORD HIGHS AND LOWS IN PENNSYLVANIA AGRICULTURE (CONTINUED) 1/

Fruit	Year Estimates Started	Unit	Production		
				Total	Year
Apples	1889	Mil. Lbs.	High	1,114	1896
			Low	78	1921
Tart Cherries	1938	Mil. Lbs.	High	35.0	1964
			Low	3.2	1977
Sweet Cherries	1938	Ton	High	2,200	1940
			Low	200	1972
Peaches	1899	Mil. Lbs.	High	148.8	1954
			Low	6.9	1899
Pears	1909	Ton	High	21,125	1920
			Low	1,900	1973
Grapes	1909	Ton	High	62,500	1983
			Low	6,000	1945

Livestock & Products	Year Estimates Started	Unit	Inventory January 1 Or Production		
				Total	Year
Cattle & Calves	1867	1,000	High	2,100	1982
			Low	1,250	1927
Milk Cows	1867	1,000	High	1,039	1956
			Low	670	1867
Hogs & Pigs	1867	1,000	High	1,265	1919
			Low	386	1966
Sheep	1867	1,000	High	2,985	1867
			Low	88	1984
Chickens (All)	1924	1,000	High	26,188	1946
			Low	13,850	1975
Turkeys (Raised)	1929	1,000	High	8,000	1987
			Low	192	1929
Broilers Produced	1939	1,000	High	115,635	1987
			Low	2,500	1939
Milk	1929	Mil. Lbs.	High	10,183	1987
			Low	2,242	1929
Eggs	1924	Mil. Eggs	High	4,853	1987
			Low	1,649	1924
Wool	1909	1,000 Lbs.	High	4,514	1911
			Low	570	1985

1/ In some cases the record high and/or low is indentical for more than one year. In such cases the year shown is the latest year of occurrence.

PENNSYLVANIA: RANK AMONG STATES IN CROP PRODUCTION, 1987

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
Corn for Grain	IA	IL	NE	MN	IN	OH	WI	MO	SD	MI	15
Corn for Silage	WI	NY	PA	CA	MN	MI	NE	IA	OH	SD	-
Winter Wheat	KS	OK	WA	TX	CO	NE	MT	ID	IL	SD	28
Oats	SD	MN	WI	ND	IA	OH	NE	MI	PA	IL	-
Barley	ND	MT	ID	MN	WA	SD	OR	CA	CO	UT	16
Rye	ND	SD	GA	MN	NE	NC	MI	PA	SC	VA	-
All Hay	CA	WI	TX	MN	SD	IA	NE	MO	KS	NY	11
All Other Hay	TX	MO	KY	OR	KS	NY	PA	TN	NE	SD	-
Alfalfa Hay	WI	CA	MN	IA	SD	NE	IL	MI	KS	ND	15
Soybeans for Beans	IA	IL	MN	IN	MO	OH	NE	AR	KS	MS	25
Tobacco	NC	KY	SC	TN	VA	GA	PA	MD	FL	OH	-
Potatoes	ID	WA	OR	ME	ND	CO	WI	CA	MN	MI	13
Apples	WA	MI	NY	CA	PA	VA	NC	WV	OR	OH	-
Peaches	CA	SC	GA	PA	NJ	MI	WA	VA	NC	IL	-
Pears	CA	WA	OR	NY	CO	MI	UT	PA	CT	-	-
Grapes	CA	WA	NY	PA	MI	AZ	OH	AR	GA	MO	-
Cherries, Sweet	WA	OR	CA	MI	MT	ID	UT	NY	PA	-	-
Cherries, Tart	MI	NY	UT	WI	OR	PA	CO	-	-	-	-
Mushrooms	PA	CA	DE	MD	-	-	-	-	-	-	-
Sweet Corn, Fresh Market	FL	NY	CA	OH	NJ	MI	PA	MA	CO	WA	-
Processing	WI	MN	WA	OR	NY	ID	IL	MD	DE	PA	-
Tomatoes, Fresh Market	FL	CA	SC	TN	PA	VA	NJ	OH	NC	AL	-
Processing	CA	OH	IN	MI	NJ	PA	MD	CO	-	-	-
Snap Beans, Processing	WI	OR	NY	MI	MN	IN	PA	TN	AR	WA	-
Strawberries	CA	FL	NJ	MI	OH	OR	PA	NC	WI	IA	-
Floriculture Crops (Wholesale Value)	CA	FL	OH	PA	MI	TX	NY	NC	IL	HI	-

PENNSYLVANIA: RANKING OF COUNTIES IN CROP PRODUCTION, 1987

Item	1	2	3	4	5	6	7	8	9	10
Wheat	York	Lanc.	Berks	Lehigh	Cumb.	Adams	North'tn.	Frank.	North'ld.	Chester
Corn for Grain	Lanc.	Berks	York	Chester	North'tn	Lehigh	Lyc.	North'ld.	Columbia	Indiana
Corn for Silage	Lanc.	Frank.	Berks	Brad.	Chester	Bedford	Lebanon	York	Somer.	Blair
Oats	Somer.	Craw.	Cambria	Mercer	Columbia	York	Butler	Erie	Indiana	Berks
Barley	York	Lanc.	Berks	Frank.	Lebanon	Chester	Cumb.	Dauphin	Adams	Lehigh
Soybeans	York	Bucks	Chester	Lanc.	Berks	Montg.	Lebanon	North'ld	Adams	North'tn.
Alfalfa Hay	Lanc.	Berks	Brad.	Chester	Frank.	Bedford	Wash.	Centre	West'ld.	Lebanon
All Other Hay	Brad.	Susq.	Tioga	Craw.	Wayne	Erie	Lanc.	Frank.	Somer.	Adams
All Hay	Lanc.	Brad.	Berks	Susq.	Frank.	Chester	Tioga	Craw.	Bedford	Wash.
Potatoes	Erie	Cambria	Potter	York	Lanc.	Schuyl.	Lehigh	Somer.	Columbia	Luzerne
Tobacco	Lanc.	Lebanon	Chester	Berks	York	Snyder	Lyc.	Montour	Dauphin	Union
Apples	Adams	Frank.	Lehigh	York	Alleg.	Berks	Cumb.	Juniata	Snyder	Erie
Peaches	Frank.	Adams	York	Lehigh	Lanc.	Berks	Juniata	North'tn.	Columbia	Snyder

PENNSYLVANIA: RANK AMONG STATES, LIVESTOCK, POULTRY PRODUCTS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10	PA if Not in Top 10
LIVESTOCK INVENTORY 1/1/88											
All Cattle & Calves.....	TX	KS	NE	OK	CA	IA	MO	WI	SD	MN	17
Milk Cows.....	WI	CA	NY	MN	PA	OH	MI	TX	IA	MO	-
Hogs & Pigs 1/.....	IA	IL	IN	MN	NE	MO	NC	OH	SD	KS	15
Sheep & Lambs.....	TX	CA	WY	CO	SD	MT	OR	UT	NM	IA	20
POULTRY INVENTORY: 1/											
All Chickens, Excluding Broilers.....	CA	IN	GA	AR	OH	PA	NC	TX	AL	FL	-
Layers.....	CA	IN	GA	PA	OH	AR	NC	TX	AL	FL	-
Turkeys Raised.....	NC	MN	CA	AR	VA	MO	IN	IA	PA	WI	-
LIVESTOCK & POULTRY PRODUCTION, 1987:											
Milk Production.....	WI	CA	NY	MN	PA	MI	OH	TX	WA	IA	-
Milk Production Per Cow.	WA	CA	NM	OR	AZ	CO	UT	AK	ID	NV/DE	15
Egg Production.....	CA	IN	PA	GA	OH	AR	TX	NC	AL	FL	-
Broilers Produced.....	AR	GA	AL	NC	MS	MD	TX	DE	CA	VA	12
Egg-Type Chick Hatch....	IN	PA	CA	FL	GA	IA	MN	AR	MO	AL	-
Broiler Chick Hatch.....	AR	GA	AL	NC	MS	MD	TX	CA	DE	VA	12
SLAUGHTER IN COMMERCIAL PLANTS: HEAD											
Cattle.....	KS	TX	NE	IA	CO	IL	CA	WI	PA	MN	-
Calves.....	NY	WI	PA	CA	IN	IL	TX	FL	LA	OH	-
Hogs.....	IA	MN	IL	VA	MI	IN	NE	MO	SD	OH	18
Sheep & Lambs.....	CO	CA	TX	IA	KS	MN	IL	MI	WA	VA	11
Total Red Meat (lbs.)...	IA	KS	NE	TX	IL	MN	CO	CA	WI	SD	12
CASH RECEIPTS (1986):											
Total.....	CA	TX	IA	IL	NE	MN	KS	WI	FL	IN	17
Livestock & Products..	TX	IA	CA	NE	WI	MN	KS	PA	IL	CO	-
Crops.....	CA	IL	IA	TX	FL	MN	NE	IN	KS	OH	27

1/ Inventory December 1, 1987.

PENNSYLVANIA: RANKING OF COUNTIES IN LIVESTOCK, POULTRY, NUMBER OF FARMS AND CASH RECEIPTS

Item	1	2	3	4	5	6	7	8	9	10
INVENTORY, JANUARY 1, 1988:										
Cattle & Calves On Farms.....	Lanc.	Frank.	Brad.	Berks	Chester	York	Tioga	Bed.	Leb.	Somer.
Hogs & Pigs 1/.....	Lanc.	York	Berks	Frank.	Leb.	Nth'ld.	Adams	Cumb.	Schuyl.	Snyder
Sheep & Lambs.....	Greene	Wash.	Lanc.	Brad.	Butler	York	Tioga	West'ld	Somer.	Adams
Chickens, Excluding Broilers 1/...	Lanc.	Adams	Leb.	Schuyl.	York	Dauphin	Cumb.	Frank.	Chester	Nth'ld.
Cows in Milking Herd, 1987.....	Lanc.	Brad.	Frank.	Berks	Chester	Leb.	Tioga	Craw.	Cumb.	Susq.
PRODUCTION, 1987:										
Broilers Raised.....	Lanc.	Leb.	Juniata	Snyder	Berks	Chester	Perry	Schuyl.	Dauphin	Nth'ld
Milk Production.....	Lanc.	Frank.	Brad.	Berks	Chester	Leb.	Cumb.	Tioga	Craw.	Susq.
Egg Production.....	Lanc.	Adams	Leb.	York	Schuyl.	Dauphin	Cumb.	Frank.	Chester	Berks
NUMBER OF FARMS.....	Lanc.	York	Berks	Chester	Wash.	Brad.	Frank.	Craw.	Erie	Mercer
CASH RECEIPTS, 1986.....	Lanc.	Chester	Berks	Frank.	Adams	Leb.	York	Brad.	Cumb.	Erie

1/ Inventory December 1, 1987.

UNITED STATES: 100 LEADING COUNTIES IN VALUE OF ALL AGRICULTURE PRODUCTS SOLD, 1982 1/

County	Value 1982	Rank 1982	County	Value 1982	Rank 1982
	Thous. Dols.			Thous. Dols.	
Fresno, CA	1,495,634	1	Swisher, TX	201,158	51
Kern, CA	1,074,061	2	Orange, FL	197,874	52
Tulare, CA	962,989	3	Lake, FL	196,715	53
Weld, CO	829,180	4	Hansford, TX	194,651	54
Imperial, CA	741,820	5	Iroquois, IL	192,753	55
Monterey, CA	737,821	6	Yolo, CA	191,677	56
Merced, CA	655,397	7	Henry, IL	191,524	57
Maricopa, AZ	627,557	8	Marion, OR	190,789	58
Riverside, CA	619,182	9	Plymouth, IA	190,741	59
San Joaquin, CA	593,227	10	Pottawattamie, IA	188,499	60
Lancaster, PA	**574,859**	**11**	Grant, WI	187,024	61
Deaf Smith, TX	562,681	12	Carroll, IA	186,526	62
Stanislaus, CA	555,417	13	Lamb, TX	184,231	63
Palm Beach, FL	534,779	14	Scotts Bluff, NE	183,977	64
San Bernardino, CA	479,140	15	Sonoma, CA	182,918	65
Kings, CA	478,412	16	Yuma, CO	180,133	66
Yakima, WA	467,733	17	Dade, FL	179,643	67
Ventura, CA	403,338	18	Livingston, IL	175,764	68
San Diego, CA	392,674	19	La Salle, IL	175,323	69
Yuma, AZ	355,361	20	Dodge, WI	174,295	70
Haskell, KS	344,157	21	Bingham, ID	173,901	71
Sioux, IA	323,993	22	Marathon, WI	173,296	72
Pinal, AZ	323,753	23	Moore, TX	169,415	73
Grant, WA	312,015	24	Bureau, IL	168,537	74
Parmer, TX	306,511	25	Morgan, CO	166,959	75
Hidalgo, TX	284,780	26	Sutter, CA	166,695	76
Texas, OK	284,053	27	Saunders, NE	165,779	77
Madera, CA	276,779	28	O'Brien, IA	165,422	78
Sussex, DE	269,964	29	**Berks, PA**	**163,259**	**79**
Dane, WI	266,752	30	Gray, KS	161,354	80
Cuming, NE	257,065	31	Champaign, IL	160,047	81
Castro, TX	234,083	32	Wichita, KS	159,238	82
Canyon, ID	233,067	33	Whitman, WA	159,169	83
Polk, FL	231,195	34	Randall, TX	158,683	84
Walla Walla, WA	230,117	35	Holt, NE	157,919	85
Santa Barbara, CA	227,940	36	Sherman, TX	157,635	86
Scott, KS	225,853	37	Polk, MN	157,305	87
Finney, KS	224,756	38	Umatilla, OR	154,895	88
Dawson, NE	223,405	39	Benton, AR	154,348	89
Los Angeles, CA	219,303	40	Renville, MN	153,720	90
Hillsborough, FL	219,038	41	Delaware, IA	153,387	91
Rockingham, VA	215,426	42	Sacramento, CA	152,416	92
Stearns, MN	212,696	43	Butte, CA	151,745	93
Duplin, NC	207,580	44	Otter Tail, MN	151,743	94
Hawaii, HI	206,427	45	Dallam, TX	151,672	95
Chester, PA	**206,203**	**46**	Hamilton, IA	151,257	96
Washington, AR	206,186	47	Franklin, WA	151,138	97
McLean, IL	205,938	48	Orange, CA	151,080	98
Kossuth, IA	202,307	49	Phelps, NE	148,771	99
Ford, KS	202,101	50	Kearny, KS	148,709	100

1/ Source, 1982 U.S. Census of Agriculture.

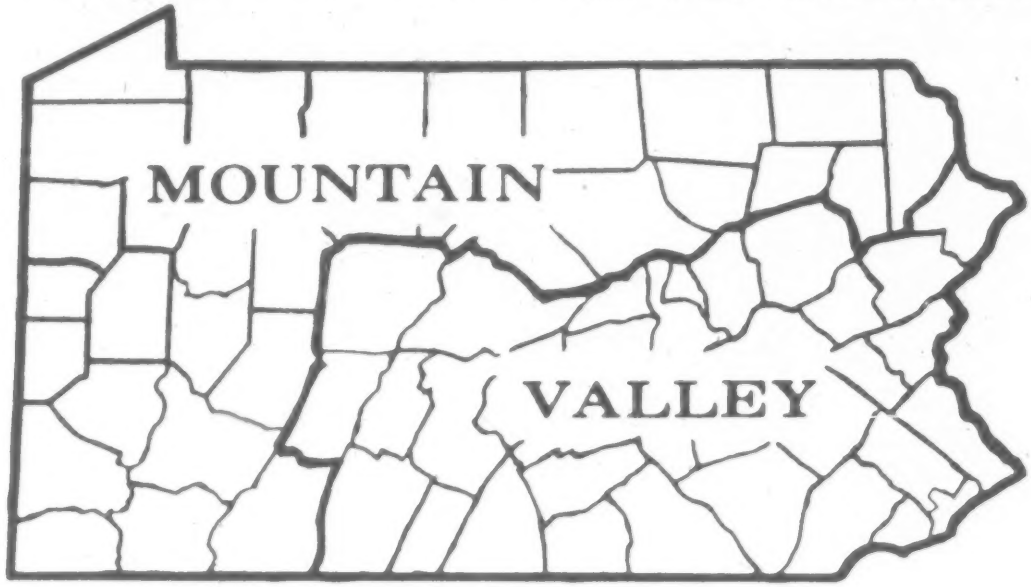
MACHINERY CUSTOM RATES

BY MARK E. HUDSON

The custom rates shown are averages from voluntary reports by custom operators throughout Pennsylvania. Most of the rates are stated per acre, ton, bale, or bushel rather than per hour to reduce the variation due to machinery size. Individual rates vary due to differences in working conditions, services performed, or even the operator's eagerness to do custom work. Therefore, the average rates shown should not be considered absolute indications of fair charges.

Acreage rates are shown separately for two regions of the state, labeled "Mountain" and "Valley". The differences in rates between regions reflect differences in terrain, soils and alternative opportunities for the labor and equipment used. Figures labeled "The State" represent the straight average of all reports used regardless of geographic location.

Custom rates are mixed this year. Of the 65 rates reported, 62 percent have increased, 21 percent have decreased and the remaining 17 percent are the same as last year. However, the overall average is up three percent from the previous year. This percentage increase was computed by adding the rates for all jobs, regardless of basis of charge, and dividing by last year's comparable total.



CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1988

Job	Basis Of Charge	Mountain Section	Valley Section	State
		Harvesting		
Corn Picking	Acre	$18.10	$18.40	$18.30
Corn Picking and Shelling	Acre	23.00	22.30	22.60
Corn Combining	Acre	23.10	22.70	22.90
Corn Drying (23 Percent)	Bu.	.24	.28	.26
Combining Small Grains	Acre	20.00	21.20	20.60
Hay Making:				
Mowing	Acre	6.70	6.40	6.50
Mowing and Conditioning	Acre	8.00	8.40	8.20
Raking	Acre	4.90	4.40	4.60
Pick-Up Baling:				
Twine	Bale	.30	.29	.29
Wire	Bale	.38	.35	.36
Cut, Rake, Bale, And Store	Bale	.67	.71	.69
Large Round Baler (Avg. = 1100 Lbs.)	Bale	6.20	5.60	5.90
Stacker-Wagon (Avg. = 1 Ton)	Stack	17.80	18.50	18.20
Silage Making:				
Pull-Type Chopper And Tractor	Hour	30.00	32.50	31.30
Self-Propelled Chopper	Hour	44.00	47.00	45.50
Blower	Hour	5.00	5.40	5.20
1 Man, 2 Wagons, 1 Tractor	Hour	24.20	27.20	25.70
2 Men, 2 Wagons, 2 Tractors	Hour	37.20	39.20	38.20

CUSTOM RATES: SELECTED FARMING OPERATIONS, PENNSYLVANIA, 1988 (Continued)

Job	Basis Of Charge	Mountain Section	Valley Section	State
		Plowing & Cultivating		
Plowing, Moldboard Plow:				
Spring, Stubble	Acre	$ 9.90	$10.80	$10.40
Sod	Acre	11.30	11.70	11.50
Fall, Stubble	Acre	10.20	11.30	10.80
Sod	Acre	11.50	12.50	12.00
Plowing, Deep (10 Inches or More)	Acre	12.50	12.80	12.70
Plowing, Chisel	Acre	10.90	10.20	10.50
Plowing, Disk	Acre	9.30	9.50	9.40
Disking, Tandem	Acre	8.50	8.50	8.50
With Harrow or Cultipacker	Acre	9.50	10.00	9.80
Harrowing:				
Spike Tooth	Acre	6.00	6.80	6.40
Spring Tooth	Acre	7.00	7.20	7.10
Cultivating	Acre	7.50	7.60	7.60
		Planting & Drilling		
Planting Corn With Fertilizer:				
Conventional-Till Planting	Acre	9.30	9.90	9.60
Reduced-Till Planting	Acre	10.60	11.00	10.80
No-Till	Acre	11.60	12.20	11.90
Planting Soybeans, Without Fertilizer:				
Conventional-Till	Acre	8.70	9.30	9.80
Reduced-Till	Acre	10.70	10.90	10.80
No-Till	Acre	12.00	12.80	12.40
Drilling Small Grain:				
Without Fertilizer	Acre	7.40	7.80	7.60
With Fertilizer	Acre	8.20	8.50	8.40
With Fertilizer and Clover Seed	Acre	9.60	9.50	9.50
Seeding Alfalfa, Clover, Etc	Acre	7.80	8.40	8.10
Broadcast Seeding (On Grain Fields)	Acre	5.00	5.50	5.30
Cleaning Grain Seed:				
With Treatment	Bu.	.60	.67	.64
Without Treatment	Bu.	.40	.45	.43
		Spraying		
Ground Equipment:				
Spraying For Weed Control:				
Excluding Material	Acre	4.70	4.70	4.70
Spraying For Corn Borer:				
Including Cost of Material	Acre	9.30	9.20	9.20
Excluding Cost of Material	Acre	5.10	4.70	4.90
Spraying For Spittle Bug or Alfalfa Weevil:				
Including Cost of Material	Acre	6.70	6.90	6.80
Excluding Cost of Material	Acre	5.00	4.80	4.90
Aerial Application (Excluding Material):				
Fixed Wing	Acre	7.60	7.50	7.50
Helicopter	Acre	7.50	7.50	7.50
		Miscellaneous		
Stalk Shredding, P.T.O	Acre	7.10	7.60	7.40
Spreading Bulk Fertilizer:				
Dry	Acre	4.80	4.60	4.70
Liquid	Acre	4.80	4.70	4.70
Side Dressing	Acre	5.50	5.30	5.40
Grinding Feed:				
Corn, Oats, or Barley	Cwt.	.52	.51	.51
Corn and Cobs	Cwt.	.51	.53	.52
Cobs	Cwt.	.51	.53	.52
Additional Charge For Mixing	Cwt.	.18	.17	.17
Machine Tiling (No Tile)	Foot	.40	.45	.43
Back Hoe	Hour	33.20	33.10	33.10
Sawing Wood (Chain Saw)	Hour	9.50	9.80	9.70
Post Hole Digging	Hole	.65	.70	.68
Manure Loading	Hour	17.00	17.70	17.40
Manure Spreading	Hour	15.00	15.70	15.40
Bulldozing (Avg. H.P. 97)	Hour	42.50	44.40	43.50

PENNSYLVANIA: NUMBER OF FARMS AND LAND IN FARMS, 1960-1987 1/

Year	Number Of Farms	Land In Farms	
		Total Acres	Per Farm
		Thousand	Acres
1960	106,000	12,300	116
1965	85,000	11,300	133
1970	74,000	10,200	138
1975 1/	66,000	9,600	145
1978	60,000	9,000	150
1979	61,000	9,000	148
1980	62,000	9,000	145
1981	61,000	8,900	146
1982	60,000	8,800	147
1983	59,000	8,700	147
1984	58,000	8,700	150
1985	58,000	8,700	150
1986	56,500	8,500	150
1987 2/	56,500	8,500	150

1/ New definition beginning in 1975. 2/ Preliminary.

FARM REAL ESTATE VALUES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS BY STATE, 1950-1988 1/

State	March 1, 1950	March 1, 1960	March 1, 1970	February 1, 1980	April 1, 1984	April 1, 1985	February 2, 1986	February 1, 1987	February 1, 1988
				Dollars					
Maine	54	84	161	594	750	856	993	1,082	1,236
New Hampshire	73	104	239	1,004	1,244	1,419	1,646	1,794	2,037
Vermont	56	81	224	721	893	1,017	1,180	1,286	1,345
Massachusetts	190	314	565	1,608	2,081	2,372	2,752	2,999	3,534
Rhode Island	232	379	734	2,523	2,926	3,335	3,869	4,217	6,240
Connecticut	248	446	921	2,387	2,814	3,208	3,721	4,056	4,914
New York	92	145	273	720	842	808	824	931	956
New Jersey	293	528	1,092	2,947	3,234	3,525	3,913	5,321	6,189
Pennsylvania	**107**	**188**	**373**	**1,464**	**1,642**	**1,510**	**1,450**	**1,725**	**1,819**
Delaware	114	243	499	1,798	1,866	1,642	1,757	1,775	1,895
Maryland	125	290	640	2,238	2,185	2,097	1,887	1,831	2,014
Michigan	95	194	326	1,111	1,223	1,052	936	833	853
Wisconsin	89	133	232	1,004	1,046	847	711	626	630
Minnesota	84	155	226	1,086	1,083	823	609	493	563
Ohio	136	248	399	1,730	1,444	1,126	1,013	942	991
Indiana	137	264	406	1,863	1,594	1,259	1,058	931	983
Illinois	174	316	490	2,041	1,800	1,314	1,143	1,040	1,114
Iowa	161	257	392	1,840	1,499	1,064	841	748	890
Missouri	64	115	224	902	856	659	606	552	572
North Dakota	29	53	94	405	439	360	317	282	292
South Dakota	31	51	84	292	338	250	215	178	187
Nebraska	58	89	154	635	617	444	384	335	366
Kansas	66	101	159	587	583	466	387	340	368
Virginia	82	140	286	1,028	1,114	1,091	1,146	1,111	1,413
West Virginia	59	75	136	669	667	554	537	527	542
North Carolina	99	186	333	1,219	1,380	1,242	1,130	1,096	1,062
Kentucky	81	137	253	976	1,007	906	870	791	786
Tennessee	77	132	268	976	1,044	982	992	1,012	1,104
South Carolina	69	137	261	900	927	899	872	794	874
Georgia	43	99	234	896	910	865	822	846	865
Florida	57	217	355	1,381	1,608	1,527	1,435	1,464	1,596
Alabama	49	91	200	780	809	769	761	731	731
Mississippi	55	107	234	819	939	835	752	654	658
Arkansas	60	113	260	918	933	849	705	634	645
Louisiana	82	173	321	1,256	1,351	1,256	1,005	734	708
Oklahoma	51	86	173	614	699	566	481	428	421
Texas	46	85	148	436	593	652	541	482	466
Montana	17	35	60	235	264	222	204	167	164
Idaho	70	112	177	698	814	749	644	567	592
Wyoming	13	22	41	161	197	177	154	151	140
Colorado	32	54	95	387	468	435	357	364	364
New Mexico	15	24	42	185	182	163	134	122	132
Arizona	15	48	70	267	295	265	231	242	214
Utah	43	60	92	530	571	514	478	454	428
Nevada	19	31	53	248	254	229	199	211	193
Washington	85	133	224	736	961	923	812	723	699
Oregon	60	88	150	587	698	579	521	479	466
California	154	360	479	1,424	1,918	1,726	1,571	1,366	1,341
48 States	65	117	196	737	782	679	595	547	564

1/ These values are based on land-value benchmarks obtained from the Census of Agriculture.

PENNSYLVANIA AND SELECTED STATES: AVERAGE VALUE PER ACRE OF LAND AND BUILDINGS, AVERAGE CASH RENT PER ACRE - 1988

State	Farmland 1/	Farms		Cropland		Pasture	
	Average Value Per Acre	Rent Per Acre	Ratio of Rent To Value	Rent Per Acre	Ratio of Rent To Value	Rent Per Acre	Ratio of Rent To Value
	Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent
PENNSYLVANIA							
1965	233	12.30	4.7	-	-	5.60	4.6
1970	373	12.90	3.8	15.30	3.7	8.30	3.5
1975	734	16.70	2.5	21.80	2.6	11.30	2.7
1977	994	25.70	2.7	27.80	2.6	12.50	2.1
1978	1,115	27.80	2.6	30.70	2.4	13.50	2.2
1979	1,273	29.40	2.3	32.60	2.2	14.10	1.8
1980	1,464	31.20	2.1	36.60	2.2	15.50	1.7
1981	1,568	35.20	2.4	37.50	2.3	14.90	1.7
1982	1,513	37.60	2.5	39.50	2.5	16.50	1.9
1983	1,520	39.30	2.8	36.80	2.5	17.50	2.1
1984	1,642	38.80	2.5	36.00	2.1	16.00	1.4
1985	1,510	35.80	2.3	43.00	2.5	19.70	2.2
1986	1,450	34.60	2.4	37.20	2.7	18.00	2.2
1987	1,725	39.30	2.5	40.00	2.5	18.60	1.9
1988	1,819	43.80	2.5	42.70	2.4	19.90	1.9
NORTHEAST							
Vermont	1,345	-	-	45.20	3.2	19.00	2.0
New York	956	-	-	31.30	3.7	-	-
New Jersey	6,189	51.70	0.5	61.10	0.6	-	-
Delaware	1,895	55.20	2.9	51.70	2.9	-	-
Maryland	2,014	58.50	2.1	50.50	2.0	-	-
LAKE STATES							
Michigan	853	39.20	5.6	41.70	5.9	-	-
Wisconsin	630	50.30	7.8	45.40	7.3	21.40	7.2
Minnesota	563	52.10	8.5	52.70	8.5	18.10	7.2
CORN BELT							
Ohio	991	62.80	6.1	65.60	6.3	28.40	4.7
Indiana	983	73.90	7.2	77.00	7.2	31.30	5.8
Illinois	1,114	83.20	6.8	89.20	7.1	28.60	6.3
Iowa	890	82.10	8.4	86.30	8.6	28.80	8.6
Missouri	572	44.70	8.3	54.70	9.1	22.70	6.0
NORTHERN PLAINS							
North Dakota	292	25.40	8.1	26.80	8.1	8.50	6.6
South Dakota	187	18.90	8.8	27.10	9.5	6.40	8.3
Nebraska	366	-	-	-	-	11.40	10.9
(Nonirrigated)	-	-	-	48.50	10.2	-	-
(Irrigated)	-	-	-	65.50	10.5	-	-
Kansas	368	-	-	-	-	11.80	5.5
(Nonirrigated)	-	-	-	30.60	8.3	-	-
(Irrigated)	-	-	-	54.10	9.8	-	-
APPALACHIAN							
Virginia	1,143	28.70	2.7	36.20	2.9	20.40	2.4
North Carolina	1,062	28.40	2.4	34.00	2.6	20.70	1.9
Kentucky	786	42.90	4.9	52.70	6.1	27.50	4.7
Tennessee	1,104	34.70	3.8	46.60	5.3	22.70	3.3
SOUTHEAST							
South Carolina	874	21.50	2.6	23.00	2.9	17.60	2.2
Georgia	865	26.60	3.5	30.70	4.2	20.80	2.9
Alabama	731	29.30	4.9	30.40	4.8	18.60	3.6
DELTA STATES							
Mississippi	658	30.40	5.6	36.30	5.8	14.70	3.4
Arkansas	645	35.80	6.0	50.40	7.2	16.00	3.7
SOUTHERN PLAINS							
Oklahoma	421	-	-	-	-	10.40	3.3
(Nonirrigated)	-	-	-	24.30	5.3	-	-
(Irrigated)	-	-	-	33.70	6.8	-	-
Texas	466	-	-	-	-	7.80	1.2
(Nonirrigated)	-	-	-	20.50	2.5	-	-
(Irrigated)	-	-	-	41.10	4.8	-	-

1/ Average value per acre of land and buildings.

PENNSYLVANIA: ESTIMATED NUMBER OF FARMS, 1987 1/

County & District	All Farms	Cattle Farms	Commercial Dairy 2/	Hog Farms	Sheep Farms	Chicken Farms
Crawford	1,530	1,480	510	220	70	310
Erie	1,510	1,070	360	140	40	170
Forest	50	40	10	10	5	15
Mercer	1,420	1,280	350	260	110	325
Venango	520	480	60	110	30	115
Warren	500	460	180	90	30	105
NORTHWESTERN, TOTAL	**5,530**	**4,810**	**1,450**	**830**	**275**	**1,040**
Bradford	1,560	1,520	700	180	110	220
Cameron	30	25	5	10	-	15
Clinton	300	240	90	70	20	85
Elk	160	150	20	30	10	45
Lycoming	930	770	210	200	40	205
McKean	260	235	40	40	20	45
Potter	370	350	120	50	20	70
Sullivan	190	190	55	40	20	40
Tioga	970	940	400	80	90	140
NORTH CENTRAL, TOTAL	**4,770**	**4,420**	**1,640**	**700**	**330**	**865**
Lackawanna	360	280	70	40	20	50
Susquehanna	970	900	390	80	80	135
Wayne	810	760	310	70	40	135
Wyoming	390	360	140	50	20	55
NORTHEASTERN, TOTAL	**2,530**	**2,300**	**910**	**240**	**160**	**375**
Armstrong	820	720	110	150	60	170
Beaver	580	510	90	90	80	140
Butler	1,300	1,080	160	250	130	265
Clarion	590	570	120	140	30	135
Indiana	990	890	220	170	90	220
Jefferson	530	510	120	60	20	105
Lawrence	800	700	220	170	70	205
WEST CENTRAL, TOTAL	**5,610**	**4,980**	**1,040**	**1,030**	**480**	**1,240**
Blair	510	480	200	100	20	95
Cambria	610	530	55	150	20	145
Centre	840	720	300	160	70	170
Clearfield	480	430	70	100	10	125
Columbia	840	540	80	190	30	170
Dauphin	790	540	140	170	70	145
Huntingdon	640	640	210	120	40	150
Juniata	610	520	200	160	60	100
Mifflin	680	670	350	220	110	210
Montour	320	230	55	60	10	55
Northumberland	760	540	100	160	40	160
Perry	710	570	150	180	50	120
Snyder	740	620	200	210	50	190
Union	530	430	160	110	20	110
CENTRAL, TOTAL	**9,060**	**7,460**	**2,270**	**2,090**	**600**	**1,945**
Carbon	190	100	15	50	20	60
Lehigh	590	260	40	110	35	160
Luzerne	560	380	70	80	30	115
Monroe	210	130	10	40	25	55
Northampton	600	380	110	100	50	145
Pike	50	30	5	10	5	15
Schuylkill	720	420	60	160	30	180
EAST CENTRAL, TOTAL	**2,920**	**1,700**	**310**	**550**	**195**	**730**
Allegheny	490	270	25	70	50	110
Fayette	920	870	110	170	60	200
Greene	850	830	45	120	260	200
Somerset	1,150	1,110	400	230	80	260
Washington	1,640	1,460	200	190	280	295
Westmoreland	1,390	1,170	250	270	130	300
SOUTHWESTERN, TOTAL	**6,440**	**5,710**	**1,030**	**1,050**	**860**	**1,365**
Adams	1,220	820	120	240	90	230
Bedford	1,110	1,080	340	240	70	225
Cumberland	1,190	960	360	230	80	220
Franklin	1,530	1,410	580	330	100	295
Fulton	500	460	110	120	20	120
York	2,340	1,510	240	500	200	500
SOUTH CENTRAL, TOTAL	**7,890**	**6,240**	**1,750**	**1,660**	**560**	**1,590**
Berks	1,960	1,380	440	380	170	470
Bucks	1,010	440	90	160	130	195
Chester	1,850	1,090	420	170	140	265
Delaware	120	40	10	10	10	20
Lancaster	5,080	4,230	1,920	1,300	600	1,525
Lebanon	990	800	330	220	100	205
Montgomery	740	400	90	110	90	170
Philadelphia 3/	-	-	-	-	-	-
SOUTHEASTERN, TOTAL	**11,750**	**8,380**	**3,300**	**2,350**	**1,240**	**2,850**
PENNSYLVANIA	**56,500**	**46,000**	**13,700**	**10,500**	**4,700**	**12,000**

1/ All farms estimated as of June 1. Specie farms relate to the 1987 production year. Specie farms are not additive to all farms. 2/ Commercial dairy farms relate to farms with 10 or more milk cows. 3/ Farms included with Montgomery County to avoid disclosure of individual operations.

PENNSYLVANIA: FARM NUMBERS, LAND AND VALUE, 1982 CENSUS OF AGRICULTURE 1/

County & District	Number Of Farms	Land In Farms	Average Size Of Farm	Value Per Acre 2/	Harvested Cropland
		Acres		Dollars	Acres
Crawford	1,507	252,636	168	887	112,119
Erie	1,475	199,590	135	1,287	94,741
Forest	44	7,209	164	703	2,876
Mercer	1,401	177,469	127	1,012	85,502
Venango	912	80,589	130	990	24,426
Warren	494	82,093	166	860	26,051
NORTHWESTERN, TOTAL	5,433	785,978	145	-	345,715
Bradford	1,930	351,710	231	740	154,544
Cameron	27	603	103	800	603
Clinton	295	48,498	166	1,197	27,417
Elk	156	18,444	118	992	6,728
Lycoming	916	154,675	168	1,214	80,477
McKean	257	40,043	161	654	12,502
Potter	365	107,157	295	589	36,719
Sullivan	157	35,654	191	783	13,614
Tioga	997	239,848	251	701	102,124
NORTH CENTRAL, TOTAL	4,688	1,007,031	215	-	434,125
Lackawanna	357	47,718	134	1,164	21,184
Susquehanna	941	219,597	250	813	74,010
Wayne	791	154,108	195	874	52,810
Wyoming	345	77,606	201	859	30,493
NORTHEASTERN, TOTAL	2,475	495,989	200	-	178,497
Armstrong	600	146,191	156	1,199	56,136
Beaver	572	58,697	103	1,369	26,200
Butler	1,274	150,492	118	1,402	75,891
Clarion	684	100,648	172	872	41,442
Indiana	937	161,422	171	1,012	74,566
Jefferson	516	82,017	159	994	40,057
Lawrence	298	36,485	124	1,127	22,498
WEST CENTRAL, TOTAL	5,508	787,321	143	-	364,750
Blair	592	87,162	174	1,210	50,210
Cambria	602	86,299	143	992	40,660
Centre	824	139,015	193	1,595	84,493
Clearfield	467	67,257	144	1,061	29,338
Columbia	622	122,598	149	1,227	72,476
Dauphin	776	112,821	145	2,285	76,206
Huntingdon	656	135,795	216	998	60,368
Juniata	601	95,486	160	1,191	49,512
Mifflin	538	80,453	136	1,524	46,184
Montour	414	48,815	155	1,125	31,638
Northumberland	748	122,420	164	1,224	81,375
Perry	698	117,587	168	1,158	64,932
Snyder	731	94,495	129	1,283	55,454
Union	534	72,945	134	1,487	49,232
CENTRAL, TOTAL	8,913	1,417,025	159	-	792,076
Carbon	182	20,884	115	1,357	12,190
Lehigh	574	95,502	166	3,032	72,967
Luzerne	958	67,345	122	1,300	55,622
Monroe	207	24,597	143	1,853	15,140
Northampton	543	102,272	132	2,255	80,879
Pike	43	6,200	144	1,650	1,990
Schuylkill	712	99,296	139	1,238	61,696
EAST CENTRAL, TOTAL	2,864	420,866	147	-	280,481
Allegheny	464	34,432	74	2,243	12,234
Fayette	908	123,856	136	965	48,550
Greene	532	149,071	279	809	55,008
Somerset	1,127	251,755	223	959	106,772
Washington	1,616	221,441	137	1,303	79,243
Westmoreland	1,506	166,052	110	1,644	77,108
SOUTHWESTERN, TOTAL	6,357	927,602	146	-	559,475
Adams	1,169	196,843	168	1,677	125,218
Bedford	1,142	214,569	188	1,026	95,004
Cumberland	1,124	163,186	145	2,085	119,343
Franklin	1,508	249,400	165	1,604	166,533
Fulton	401	104,345	260	554	38,419
York	2,505	299,379	120	2,155	206,956
SOUTH CENTRAL, TOTAL	7,767	1,248,771	161	-	747,469
Berks	1,429	255,844	179	2,559	185,946
Bucks	991	119,467	121	3,127	81,650
Chester	1,525	259,980	171	3,998	140,651
Delaware	119	2,041	17	2,870	3,493
Lancaster	4,041	417,295	103	3,448	312,284
Lebanon	471	116,633	248	2,600	85,764
Montgomery	724	74,116	102	1,548	51,073
Philadelphia	67	1,241	19	101	101
SOUTHEASTERN, TOTAL	11,550	1,203,066	104	-	860,461
PENNSYLVANIA 2/	55,555	8,297,715	149	1,520	4,565,789

1/ County and district totals may not add to state total because of census disclosure rules. State total may differ from U.S. Department of Agriculture estimates because of incompleteness, duplication, definitional difference and sampling variability. 2/ Value of land and buildings per acre. 3/ Data withheld to avoid disclosing information for individual farms.

UNITED STATES: CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES, 1981-1986 1/

Commodity	1981	1982	1983	1984	1985	1986 2/
			Pounds			
Meats						
Beef	77.1	76.8	78.2	78.1	78.8	78.4
Veal	1.6	1.6	1.6	1.8	1.8	1.9
Lamb & Mutton	1.4	1.5	1.5	1.5	1.4	1.4
Pork	64.9	58.5	61.9	61.5	62.0	58.6
Fish (Edible Weight)						
Canned	4.8	4.3	4.8	4.9	5.1	5.4
Fresh and Frozen	7.8	7.7	8.0	8.5	9.0	9.0
Cured	0.3	0.3	0.3	0.3	0.3	0.3
Poultry Products:						
Eggs	33.5	33.5	33.0	32.9	32.2	31.7
Chicken (Ready-To-Cook)	51.3	52.7	53.4	55.2	57.6	58.8
Turkey (Ready-To-Cook)	10.7	10.8	11.2	11.3	12.1	13.3
Dairy Products:						
Cheese (Excluding Cottage)	18.2	19.9	20.5	21.4	22.5	23.0
Fluid Whole Milk	139.6	134.1	130.8	126.5	122.8	115.6
Fluid Lowfat Milk	92.9	93.1	95.9	99.1	104.6	110.4
Fluid Cream	3.4	3.5	3.6	4.0	4.3	4.8
Ice Cream (Product Weight)	17.4	17.6	18.0	18.1	18.1	18.3
Specialty products	-	-	-	-	-	-
Fats & Oils (Fat Content Only)	57.4	58.0	59.9	58.7	64.2	64.1
Butter (Product Weight)	4.2	4.3	4.9	4.9	4.9	4.6
Margarine (Product Weight)	11.1	11.0	10.4	10.4	10.8	11.4
Lard	2.5	2.5	2.1	2.1	1.8	1.7
Shortening	18.5	18.6	18.5	21.2	22.8	22.0
Salad and Cooking Oils	21.8	21.8	23.5	19.8	23.5	24.1
Fruits:						
Fresh						
Citrus	24.2	24.0	28.4	23.3	22.7	25.2
Noncitrus	59.1	59.8	60.0	64.6	63.7	66.9
Processed:						
Canned Fruit	10.0	9.7	9.2	8.9	8.4	8.4
Frozen Fruit	2.9	2.9	2.9	3.0	3.3	3.5
Frozen Citrus Juices	33.2	36.9	41.6	35.6	44.0	43.2
Chilled Citrus Juices	4.1	3.5	4.1	3.6	3.2	3.7
Canned Citrus Juices	4.8	3.9	3.0	2.8	2.3	2.1
Dried Fruit	2.4	2.7	2.8	2.9	2.9	3.0
Vegetables:						
Fresh	71.4	74.0	74.3	78.5	78.5	79.4
Fresh Potatoes	41.8	47.1	47.6	43.1	45.7	49.9
Frozen Potato Products	18.8	20.0	19.5	20.6	22.6	22.6
Dry Edible Beans	5.4	6.6	6.6	5.8	6.5	6.0
Grains:						
Wheat Flour	115.8	116.7	117.4	118.1	123.3	129.6
Rice	11.0	11.8	9.7	8.6	9.1	11.6
Pasta	10.0	9.9	10.5	11.3	12.9	14.3
Other:						
Coffee	7.7	7.6	7.6	7.5	7.5	7.4
Cocoa	2.8	3.0	3.1	3.5	3.4	3.4
Peanuts (Shelled)	5.5	5.9	5.9	6.0	6.3	6.4
Sugar (Refined)	79.4	73.6	71.1	67.4	63.0	60.2
Corn Sweeteners	44.5	48.1	52.1	57.8	66.6	67.3
Soft Drinks (gals)	27.1	26.9	26.9	27.2	29.1	30.3

1/ Quantity in pounds. Retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts and rice which are on a crop year basis. 2/ Preliminary.

PENNSYLVANIA: ESTIMATED TOTAL POPULATION, JULY 1, 1960-1987 1/

Year	Total Population	Year	Total Population
	Thousands		Thousands
1960	11,329	1983	11,895
1965	11,620	1984	11,892
1970	11,813	1985	11,864
1975	11,860	1986	11,694
1980	11,864	1987 2/	11,936

1/ U.S. Department of Commerce, Bureau of Census, Current Population Reports. 2/ Preliminary.

CROP AND LIVESTOCK DATA FOR _____ COUNTY*
(Name)

Page No.	Commodity	Year or Date	Number		Production				Value
			Unit	Total	Unit	Per acre or Head	Total	County Rank 1/	Dollars
40	Wheat	1987	Acres		Bu.				
42	Oats	1987	Acres		Bu.				
41	Barley	1987	Acres		Bu.				
36	Corn for Grain	1987	Acres		Bu.				
37	Corn, Silage	1987	Acres		Tons				
39	Hay, All	1987	Acres		Tons				
38	Alfalfa	1987	Acres		Tons				XXXX
38	Other	1987	Acres		Tons				XXXX
43	Soybeans	1987	Acres		Bu.				
45	Potatoes	1987	Acres		Cwt.				
46	Tobacco	1987	Acres		Lbs.				
56	Apples	1987			Lbs.				
56	Peaches	1987			Lbs.				
	SUMMARY								
47	Field & Forage	1987	Acres						
47	Vegetables & Potatoes	1987	Acres						
47	Fruit	1987							
47	Total-Crops	1987							
					Milk				
13	Milk Cows & Production	1987	Cows		Lbs.				
26	Layers & Egg Production	1987	Layers		Eggs				
28	Broilers Produced	1987	Broilers		Lbs.				
	INVENTORIES								
25	All Chickens On Hand	12-1-87	Head						
19	Hogs & Pigs On Hand	12-1-87	Head						
19	Cattle & Calves On Hand	1-1-88	Head						
19	Sheep & Lambs On Hand	1-1-88	Head						
	CASH RECEIPTS								
68	Field Crops	1986							
68	Vegetables & Potatoes	1986							
68	Fruit	1986							
68	Hort. & Specialties	1986							
68	Total-Crops	1986							
69	Meat & Misc. Products	1986							
69	Dairy Products	1986							
69	Poultry Products	1986							
69	Total-Livestock	1986							
69	Government Payments	1986							
69	Total-Cash Receipts	1986							

1/ Ranking of top 10 counties shown on pages 73 and 74

* Source: Pennsylvania Agricultural Statistics Service

REPORTS AVAILABLE

The following reports are available from the Pennsylvania Agricultural Statistics Service. They are available at no charge to Pennsylvania farmers upon request. Others wishing to receive these reports must complete the "Order Form" on the next page. Questions should be directed to the Pennsylvania Agricultural Statistics Service; address and telephone number are shown on the front cover of this bulletin.

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CROP & LIVESTOCK ANNUAL SUMMARY —
Issued in late summer. Contains county data for major agricultural items.

KEYSTONE AG DIGEST —
Issued bi-monthly. Contains information relating to livestock, dairy, poultry, crops, prices, stocks, farm numbers, etc.

SPECIAL DAIRY REPORT —
Issued quarterly. Information relates to milk production and cost of producing milk.

BROILERS —
Issued weekly. Summary of broiler eggs set, chicks hatched and broilers placed for 12 states.

ANNUAL MANUFACTURED DAIRY —
Issued in June. Summary of dairy products manufactured in Pennsylvania for the previous year.

MACHINERY CUSTOM RATES —
Issued in May. Shows charges by custom operators for various farming activities for the current year.

MUSHROOM REPORT —
Issued in August. Summary of production for the previous marketing year and intentions for the next year.

WEEKLY CROP AND WEATHER ROUND-UP —
Issued weekly May-October. Covers current weather conditions, crop planting progress, crop development and harvesting progress.

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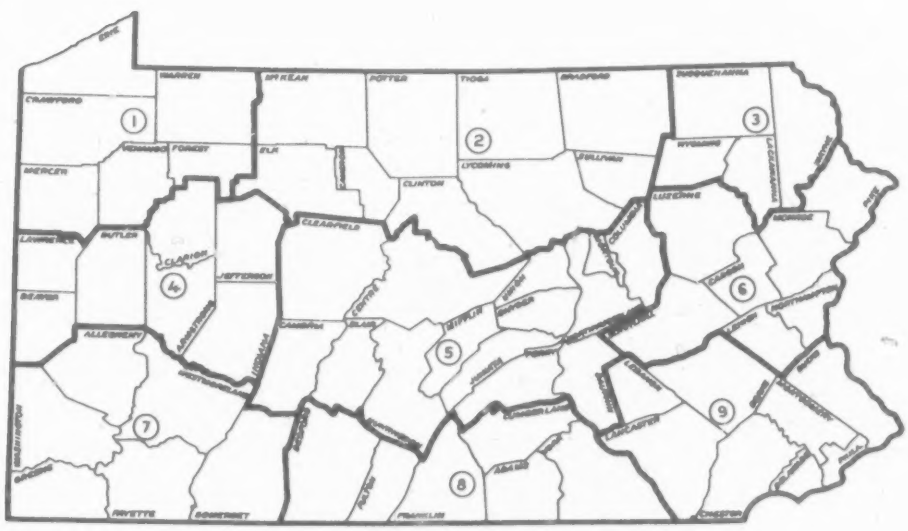

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